

# Safety Data Sheet

**SPRAY ADHESIVE**  
**(18.5 kg canister)**

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** SPRAY ADHESIVE (18.5kg canister)  
**Product number** SADH001

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Adhesive.  
**Uses advised against** No specific uses advised against are identified.

### 1.3. Details of the supplier of the safety data sheet

**Supplier** AXTER LTD, West Road, Ransomes Europark, Ipswich IP3 9SX UK  
**Tel: +44 (0) 1473 724056, 8.00 am to 5.30 pm, Monday to Friday**  
Email: info@axterltd.co.uk

### 1.4 Emergency telephone

+ 44 1473 724056 (NOT 24HRS - 8am - 5.30pm, Monday Friday)  
In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

**National Emergency telephone** National Poisons Information Service (UK) TEL: 0844 892 0111

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (EC 1272/2008)

##### Physical hazards

Aerosol 1 - H222, H229

##### Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H336 STOT RE 2 - H373

##### Environmental hazards

Not Classified

##### Human health

Contains non-volatile isocyanate. Heating may generate vapours which irritate the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

##### Physicochemical

The product is extremely flammable. Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

### 2.2 Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P260 Do not breathe spray.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents/ container in accordance with national regulations.

**Supplemental label  
information****Contains****Supplementary precautionary  
statements**

EUH204 Contains isocyanates. May produce an allergic reaction.

DICHLOROMETHANE, DIPHENYLMETHANEDIISOCYANATE  
(MIXTURE OF ISOMERS AND HOMOLOGUES)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read  
and understood.

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out  
of the workplace.

P284 [In case of inadequate ventilation] wear respiratory protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep  
comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several  
minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.

P308+P313 IF exposed or concerned: Get medical advice/ attention.

P312 Call a POISON CENTRE/ doctor if you feel unwell.

P314 Get medical advice/ attention if you feel unwell.

P321 Specific treatment (see medical advice on this label).

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P333+P313 If skin irritation or rash occurs: Get medical  
advice/ attention.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P342+P311 If experiencing respiratory symptoms: Call a POISON  
CENTRE/ doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P403+P233 Store in a well-ventilated place. Keep container  
tightly closed.

P405 Store locked up.

**2.3 Other hazards****Section 3: Composition/information on ingredients****3.2 Mixtures**

DIMETHYL ETHER		10-30%
CAS number: 115-10-6	EC number: 204-065-8	REACH registration number: 01-2119472128-37-0003
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas, Liquefied - H280		

DICHLOROMETHANE		10-30%
CAS number: 75-09-2	EC number: 200-838-9	REACH registration number: 01-2119480404-41-0007
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H336		

  

DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)		10-30%
CAS number: 9016-87-9	REACH registration number: 01-2119457024-46-0006	
<b>Classification</b> Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373		

The full text for all hazard statements is displayed in Section 16.

## Section 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove affected person from source of contamination.

#### Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

#### Ingestion

DO NOT induce vomiting. Get medical attention immediately.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

### 4.2 Most important symptoms and effects, both acute and delayed

#### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### Inhalation

Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Prolonged skin contact may cause redness and irritation.

#### Eye contact

Vapour, spray or dust may cause chronic eye irritation or eye damage.

**4.3 Indication of any immediate medical attention and special treatment needed****Notes for the doctor**

No specific recommendations. If in doubt, get medical attention promptly.

**Section 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Extinguish with foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture****Specific hazards**

Containers can burst violently or explode when heated, due to excessive pressure build-up.  
Extremely flammable.

**Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.  
Oxides of nitrogen.

**5.3. Advice for firefighters****Protective actions during firefighting**

Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material.

**Special protective equipment for firefighters**

Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions****Environmental precautions**

Do not discharge into drains or watercourses or onto the ground.

**6.3. Methods and material for containment and cleaning up****Methods for cleaning up**

Absorb spillage with non-combustible, absorbent material. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

**6.4. Reference to other sections****Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

#### Usage precautions

Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store in closed original container at temperatures between 5°C and 25°C.

#### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## Section 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **DIMETHYL ETHER**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m<sup>3</sup>

##### **DICHLOROMETHANE**

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 300 ppm 1060 mg/m<sup>3</sup> Sk

##### **DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)**

Long-term exposure limit (8-hour TWA): WEL 0.07 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 0.02 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

#### Ingredient comments

WEL = Workplace Exposure Limits

##### **DICHLOROMETHANE (CAS: 75-09-2)**

#### Ingredient comments

WEL = Workplace Exposure Limits

##### **DNEL**

Consumer - Dermal; Short term systemic effects: 353 mg/m<sup>3</sup>

Workers - Dermal; Short term systemic effects: 706 mg/m<sup>3</sup>

##### **PNEC**

Fresh water; 0.54 mg/l

Sediment (Freshwater); 4.47 mg/kg

Intermittent release; 0.27 mg/l

Sediment (Marinewater); 1.61 mg/kg

Marine water; 0.194 mg/l

STP; 26 mg/l

Soil; 0.583 mg/kg

##### **DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES) (CAS: 9016-87-9)**

#### Ingredient comments

WEL = Workplace Exposure Limits

**DNEL**

Workers - Dermal; Short term systemic effects: 50 mg/kg  
 Workers - Inhalation; Short term systemic effects: 0.1 mg/m<sup>3</sup>  
 Workers - Dermal; Short term local effects: 28.7 mg/cm<sup>2</sup>  
 Workers - Inhalation; Short term local effects: 0.1 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 0.05 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 0.05 mg/m<sup>3</sup>  
 General population - Dermal; Short term systemic effects: 25 mg/kg  
 General population - Inhalation; Short term systemic effects: 0.05 mg/m<sup>3</sup>  
 General population - Oral; Short term systemic effects: 20 mg/kg  
 General population - Dermal; Short term local effects: 17.2 mg/cm<sup>2</sup>  
 General population - Inhalation; Short term local effects: 0.05 mg/m<sup>3</sup>  
 General population - Inhalation; Long term systemic effects: 0.025 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 0.025 mg/m<sup>3</sup>

**PNEC**

Fresh water; 1 mg/l  
 Marine water; 0.1 mg/l  
 Soil; 1 mg/kg dry weight  
 STP; 1 mg/l

**8.2. Exposure controls****Protective equipment****Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection**

Wear chemical splash goggles.

**Hand protection**

It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.

**Other skin and body protection**

Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.

**Hygiene measures**

Use engineering controls to reduce air contamination to permissible exposure level. Wash hands after handling. When using do not eat, drink or smoke.

**Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: ABEK2-P3

**Environmental exposure controls**

Keep container tightly sealed when not in use.

## Section 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Various colours.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	Estimated value. -24 (DME)°C @
<b>Flash point</b>	Estimated value. -41 (DME)°C
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	1.10 @ 20°C
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Insoluble in water. Hardens in contact with water.
<b>Partition coefficient</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	50-100 mPa s @ 25°C
<b>Explosive properties</b>	Not available.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

<b>Other information</b>	No information required.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.



## Section 10: Stability and reactivity

### 10.1. Reactivity

#### Reactivity

The product will harden into a solid mass in contact with water and moisture.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

#### Possibility of hazardous reactions

Not applicable. May polymerise.

### 10.4. Conditions to avoid

#### Conditions to avoid

Avoid contact with water. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

#### Materials to avoid

Strong acids. Strong alkalis.

### 10.6. Hazardous decomposition products

#### Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### ATE oral (mg/kg)

8,333.33

#### Acute toxicity - inhalation

##### ATE inhalation (vapours mg/l)

64.71

#### Skin corrosion/irritation

##### Animal data

Irritating.

#### Serious eye damage/irritation

##### Serious eye damage/irritation

Moderately irritating.

#### Respiratory sensitisation

##### Respiratory sensitisation

Sensitising.

#### Carcinogenicity

##### Carcinogenicity

Suspected carcinogen based on limited evidence.

#### Target organ for

##### carcinogenicity

No specific target organs known.

#### Reproductive toxicity

##### Reproductive toxicity - development

This substance has no evidence of toxicity to reproduction.

**Specific target organ toxicity - repeated exposure****STOT - repeated exposure**

Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.

**Aspiration hazard****Aspiration hazard**

Not anticipated to present an aspiration hazard, based on chemical structure.

**Inhalation**

Irritating to respiratory system. May cause sensitisation by inhalation.

**Ingestion**

May cause stomach pain or vomiting.

**Skin contact**

Irritating to skin. May cause sensitisation by skin contact.

**Eye contact**

Irritation of eyes and mucous membranes.

**Acute and chronic health hazards**

May cause sensitisation by skin contact. The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation. May cause respiratory system irritation. Frequent inhalation of vapours may cause respiratory allergy.

**Route of entry**

Inhalation Skin and/or eye contact

**Medical symptoms**

Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of chest pressure.

**Medical considerations**

Chronic respiratory and obstructive airway diseases.

**Toxicological information on ingredients.****DIMETHYL ETHER****Acute toxicity - inhalation****Acute toxicity inhalation****(LC<sub>50</sub> gases ppmV)**

164,000.0

**Species**

Rat

**ATE inhalation (gases ppm)**

164,000.0

**DICHLOROMETHANE****Toxicological effects**

The toxicity of this substance has been assessed during REACH registration.

**Acute toxicity - oral****Acute toxicity oral****(LD<sub>50</sub> mg/kg)**

2,000.0

**Species**

Rat

**ATE oral (mg/kg)**

2,000.0

**Acute toxicity - dermal****Acute toxicity dermal****(LD<sub>50</sub> mg/kg)**

2,000.0

**Species**

Rat

**Acute toxicity - inhalation****Acute toxicity inhalation****(LC<sub>50</sub> vapours mg/l)**

86.0

**Species**

Rat

<b>ATE inhalation (vapours mg/l)</b>	86.0
<b>Skin corrosion/irritation</b>	
<b>Skin corrosion/irritation</b>	Irritating to skin., REACH dossier information.
<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Causes eye irritation.
<b>Respiratory sensitisation</b>	
<b>Respiratory sensitisation</b>	Not sensitising.
<b>Germ cell mutagenicity</b>	
<b>Genotoxicity - in vitro</b>	Positive.
<b>Genotoxicity - in vivo</b>	Negative.
<b>Carcinogenicity</b>	
<b>IARC carcinogenicity</b>	IARC Group 2B Possibly carcinogenic to humans.
<b>Reproductive toxicity</b>	
<b>Reproductive toxicity - fertility</b>	No evidence of reproductive toxicity in animal studies.
<b>Reproductive toxicity - development</b>	No evidence of reproductive toxicity in animal studies.
<b>DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)</b>	
<b>Acute toxicity - oral</b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	10,000.0
<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	10,000.0
<b>Acute toxicity - dermal</b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	9,400.0
<b>Species</b>	Rabbit
<b>ATE dermal (mg/kg)</b>	9,400.0
<b>Acute toxicity - inhalation</b>	
<b>Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)</b>	0.493
<b>Species</b>	Rat
<b>ATE inhalation (vapours mg/l)</b>	11.0
<b>Skin corrosion/irritation</b>	
<b>Animal data</b>	Irritating.
<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Moderately irritating.
<b>Respiratory sensitisation</b>	
<b>Respiratory sensitisation</b>	Sensitising.
<b>Carcinogenicity</b>	
<b>Carcinogenicity</b>	Suspected carcinogen based on limited evidence.

<b>Target organ for carcinogenicity</b>	No specific target organs known.
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b>Reproductive toxicity</b>	
<b>Reproductive toxicity - development</b>	This substance has no evidence of toxicity to reproduction.
<b>Specific target organ toxicity - repeated exposure</b>	
<b>STOT - repeated exposure</b>	Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.
<b>Aspiration hazard</b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.
<b>Inhalation</b>	Irritating to respiratory system. May cause sensitisation by inhalation.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Irritating to skin. May cause sensitisation by skin contact.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.
<b>Acute and chronic health hazards</b>	May cause sensitisation by skin contact. The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation. May cause respiratory system irritation. Frequent inhalation of vapours may cause respiratory allergy.
<b>Route of entry</b>	Inhalation Skin and/or eye contact
<b>Medical symptoms</b>	Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of chest pressure.
<b>Medical considerations</b>	Chronic respiratory and obstructive airway diseases.

## Section 12: Ecological Information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

### Ecological information on ingredients.

#### DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)

**Ecotoxicity** The product is not expected to be hazardous to the environment.

#### 12.1. Toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 1000 mg/l, Freshwater fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: ~ 1640 mg/l, Scenedesmus subspicatus

### Ecological information on ingredients.

#### DICHLOROMETHANE

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow)  
 LC<sub>50</sub>, 48 hours: 97 mg/l, Fundulus heteroclitus

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 48 hours: 27 mg/l, Daphnia magna  
 LC<sub>50</sub>, 48 hours: 109 mg/l, Palaemonetes pugio

**Acute toxicity - aquatic plants**

NOEC, 192 hours: 550 mg/l, Microcystis aeruginosa - Algae, blue, cyanobacteria

**Acute toxicity - microorganisms**

EC<sub>50</sub>, 0.67 hours: 2590 mg/l, Bacteria

**Chronic toxicity - fish early life stage**

NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)

**DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)**
**Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: > 1000 mg/l, Freshwater fish

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

**Acute toxicity - aquatic plants**

EC<sub>50</sub>, 72 hours: ~ 1640 mg/l, Scenedesmus subspicatus

**Acute toxicity - microorganisms**

EC<sub>50</sub>, 3 hours: 100 mg/l, Activated sludge

**Chronic toxicity - aquatic invertebrates**

NOEC, 21 days: 10 mg/l, Daphnia magna

**12.2. Persistence and degradability**
**Persistence and degradability**

The product is not readily biodegradable.

**Stability (hydrolysis)**

Reacts with water.

**Biological oxygen demand**

< 10 g O<sub>2</sub>/g substance

**Ecological information on ingredients.**
**DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)**
**Persistence and degradability**

The product is not readily biodegradable.

**Stability (hydrolysis)**

Reacts with water.

**Biological oxygen demand**

< 10 g O<sub>2</sub>/g substance

**12.3. Bioaccumulative potential**
**Bioaccumulative potential**

The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient**

Not available.

**Ecological information on ingredients.**
**DICHLOROMETHANE**
**Bioaccumulative potential**

The product is not bioaccumulating.

**Partition coefficient**

Not available.

**DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)**

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** Not available.

**12.4. Mobility in soil**

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

**Ecological information on ingredients.****DICHLOROMETHANE**

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

**DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)**

**Mobility** The product is non-volatile.

**12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Ecological information on ingredients.****DICHLOROMETHANE**

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**DIPHENYLMETHANEDIISOCYANATE (MIXTURE OF ISOMERS AND HOMOLOGUES)**

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**12.6. Other adverse effects****Ecological information on ingredients.****DICHLOROMETHANE**

**Other adverse effects** Not applicable.

**Section 13: Disposal considerations****13.1. Waste treatment methods**

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Section 14: Transport information****14.1. UN number**

<b>UN No. (ADR/RID)</b>	3501
<b>UN No. (IMDG)</b>	3501
<b>UN No. (ICAO)</b>	3501
<b>UN No. (ADN)</b>	3501

**14.2. UN proper shipping name**

<b>Proper shipping name (ADR/RID)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.
<b>Proper shipping name (IMDG)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.
<b>Proper shipping name (ICAO)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.
<b>Proper shipping name (ADN)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

**14.3. Transport hazard class(es)**

<b>ADR/RID class</b>	2.1
<b>ADR/RID classification code</b>	8F
<b>ADR/RID label</b>	2.1
<b>IMDG class</b>	2.1
<b>ICAO class/division</b>	2.1
<b>ADN class</b>	2.1

**Transport labels****14.4. Packing group****14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

<b>EmS</b>	F-D, S-U
<b>ADR transport category</b>	2
<b>Emergency Action Code</b>	2YE
<b>Hazard Identification Number (ADR/RID)</b>	23
<b>Tunnel restriction code</b>	(B/D)

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

Control of Pollution Act 1974.

#### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

#### Guidance

The spraying of flammable liquids HSG178.

#### Restrictions (Annex XVII Regulation 1907/2006)

Entry number: 59 - methylene chloride as paint stripper

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## Section 16: Other information

#### Revision date

12/10/2020

#### Revision

21

#### Supersedes date

24/09/2019

#### SDS number

SADH001

#### Hazard statements in full

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated  
H280 Contains gas under pressure; may explode if heated.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

#### Store Between

Store Between 5°C - 25°C

#### Contains SVHC

NO

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



**METHYLENE CHLORIDE (stabilizer: Amylene)**

20.11.12 v/1

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : METHYLENE CHLORIDE (stabilizer: Amylene)  
Substance name : dichloromethane (Stabilizer: Amylene)  
REACH Registration Number : 01-2119480404-41-0000

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Mixture : Specific use(s): Industrial and professional use  
Consumer use  
Refer to attached exposure scenario Annex.

Recommended restrictions  
on use : Paint strippers  
See Annex XVII to Regulation (EC) no 1907/2006 for  
Conditions of restriction

**1.3 Details of the supplier of the safety data sheet**

Company : Akzo Nobel Industrial Chemicals bv  
Stationsstraat 77  
NL 3811 MH Amersfoort  
The Netherlands  
Telephone : +31334676767  
Telefax : +31334676110  
E-mail address : industrialchemicals.sds@akzonobel.com

**1.4 Emergency telephone number**

Emergency telephone number : AkzoNobel Chemicals-Deventer-NL: +31 570 679211

**Section 2: Hazards identification****2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)**

Skin irritation, 2, H315  
Eye irritation, 2, H319  
Carcinogenicity, 2, H351  
Specific target organ toxicity - single exposure, 3, Respiratory  
system, H335,  
Central nervous system, H336  
Specific target organ toxicity - repeated exposure, 2, H373

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Classification (67/548/EEC, 1999/45/EC)**

Carcinogenic Category 3, Xn, R40

For the full text of the R-phrases mentioned in this Section, see Section 16.

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

#### Symbol(s) :



Signal word :

Warning

Hazard statements :

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

H336

May cause drowsiness or dizziness.

H351

Suspected of causing cancer.

H373

May cause damage to organs through

Precautionary statements :

#### Prevention:

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264

Wash skin thoroughly after handling.

P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Response:

P308 + P313

IF exposed or concerned: Get medical advice/ attention.

#### Storage:

P403 + P233

Store in a well-ventilated place. Keep container tightly closed.

#### Disposal:

P501

Dispose of contents/ container to an approved waste disposal plant.

For the full list of P-statements please see section 16.

### Hazardous components which must be listed on the label:

Dichloromethane 75-09-2

## 2.3 Other hazards

No further data available.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Formula : CH<sub>2</sub>Cl<sub>2</sub>

#### Hazardous substance

Chemical Name	PBT vPvB OEL	CAS-No. EC-No. REACH No.	Classification (REGULATION (EC) No 1272/2008)	Classification (67/548/EEC)	Concentration [%]
Dichloromethane		75-09-2 200-838-9 01- 2119480404- 41	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H335, H336 STOT RE 2; H373	Xi; R36/37/38 Carc.Cat.3; R40 R67	99.5

For the full text of the H-Statements mentioned in this Section, see Section 16.

For the full text of the R-phrases mentioned in this Section, see Section 16.

## Section 4: First aid measures

### 4.1 Description of first aid measures

General advice :	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled :	If breathed in, move person into fresh air. Consult a physician after significant exposure. Give oxygen or artificial respiration if needed.
In case of skin contact :	Take off contaminated clothing and shoes immediately. Wash off with plenty of water. If skin irritation persists, call a physician.
In case of eye contact :	Remove contact lenses. Rinse with plenty of water. Protect unharmed eye. Keep eye wide open while rinsing. Obtain medical attention.
If swallowed :	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Induce vomiting, but only if victim is fully conscious. Obtain medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms :	Nausea Vomiting Fatigue Dizziness Headache Shortness of breath
Risks :	Later control for pneumonia and lung oedema. May cause cardiac arrhythmia. Respiratory disorders

**4.3 Indication of any immediate medical attention and special treatment needed**

Treatment :  
Treat symptomatically.  
Do not give drugs from adrenaline-ephedrine group.

**Section 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media :  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting / Specific hazards arising from the chemical :  
Do not allow run-off from fire fighting to enter drains or water courses.  
In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide  
Hydrogen chloride  
Phosgene

**5.3 Advice for firefighters**

Special protective equipment for firefighters :  
In the event of fire, wear self-contained breathing apparatus.  
Further information :  
Prevent fire extinguishing water from contaminating surface water or the ground water system.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Section 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions :  
Wear respiratory protection.  
Ensure adequate ventilation.

**6.2 Environmental precautions**

Environmental precautions :  
Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up /  
Methods for containment :  
Soak up with inert absorbent material.  
Unsuitable material for picking up: Earth Sand  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

Additional advice :  
For personal protection see section 8.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling :

For personal protection see section 8.  
 Avoid formation of aerosol.  
 Do not breathe vapours or spray mist.  
 Smoking, eating and drinking should be prohibited in the application area.  
 Dispose of rinse water in accordance with local and national regulations.  
 Avoid contact with skin, eyes and clothing.

Advice on protection  
 against fire and explosion :

Normal measures for preventive fire protection.  
 Vapours are heavier than air and may spread along floors.  
 Do not burn, or use a cutting torch on, the empty drum.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage  
 areas and containers :

Prevent unauthorized access.  
 Keep in a well-ventilated place.

Other data :

Suitable container and packaging materials for safe storage  
 Stainless steel  
 Carbon steel

### 7.3 Specific end use(s)

Specific use(s) :

Refer to attached exposure scenario Annex.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis	Form of exposure
Dichloromethane	75-09-2	TWA	100 ppm 350 mg/m <sup>3</sup>	2007-08-01	GB EH40	
	Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	300 ppm 1,060 mg/m <sup>3</sup>	2007-08-01	GB EH40	
	Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

STEL: Short term exposure limit

TWA: Time Weighted Average (TWA)

**Component: Dichloromethane**

DNEL/DMEL :

Workers Inhalation  
Acute systemic effects  
706 mg/m<sup>3</sup>

Workers  
Inhalation  
Long-term systemic effects  
353 mg/m<sup>3</sup>

Workers  
Skin contact  
Long-term systemic effects  
4750 mg/kg bw/day

Consumers  
Inhalation  
Acute systemic effects  
353 mg/m<sup>3</sup>

Consumers  
Inhalation  
Long-term systemic effects  
88.3 mg/m<sup>3</sup>

Consumers  
Skin contact  
Long-term systemic effects  
2395 mg/kg bw/day

Consumers  
Ingestion  
Long-term systemic effects  
0.06 mg/kg bw/day

**Component: Dichloromethane**

PNEC :

Fresh water  
0.54 mg/l

Marine water  
0.194 mg/l

Intermittent water  
0.27 mg/l

Sewage treatment plant  
26 mg/l

Fresh water sediment  
4.47 mg/kg

Marine sediment  
1.61 mg/kg

Soil  
0.583 mg/kg

## 8.2 Exposure controls

### Engineering Controls

Effective exhaust ventilation system

Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protective equipment

Respiratory protection :

In the case of vapour formation use a respirator with an approved filter.

Hand protection :

Fluorinated rubber

Break through time: > 120 min

Glove thickness: > 0.4 mm

Fluorinated rubber

Break through time: > 480 min

Glove thickness: > 0.8 mm

PVA

Break through time: > 480 min

Glove thickness: > 0.8 mm

butyl-rubber

Break through time: > 10 min

Glove thickness: > 0.4 mm

Protective gloves complying with EN 374.

Eye protection :

Safety glasses with side-shields conforming to EN166 or Face-shield

Skin and body protection :

Wear suitable protective clothing.

Boots

Hygiene measures :

Handle in accordance with good industrial hygiene and safety practice.

When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

### Environmental exposure controls

General advice :

Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform respective authorities.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Form : Clear liquid

Colour : colourless

Odour : sweet

Odour Threshold : no data available

**Safety data**

pH :	not applicable
Melting point :	ca. -97 °C at 1,013 hPa
Boiling point :	40 °C at 1,013 hPa
Flash point :	does not flash
Evaporation rate :	no data available
Flammability (solid, gas) :	The product is not flammable.
Lower explosion limit :	13 %(V)
Upper explosion limit :	22 %(V)
Vapour pressure :	476 hPa at 20 °C 584 hPa at 25 °C 709 hPa at 30 °C
Relative vapor density :	2.93 at 25 °C
Relative density :	1.359 at 20 °C
Water solubility :	ca. 20 g/l at 20 °C
Solubility in other solvents :	miscible with most organic solvents
Partition coefficient: n- octanol/water :	log Pow: 1.25 at 20 °C
Auto-ignition temperature :	605 °C at 1,013 hPa
Decomposition temperature :	> 120 °C
Viscosity, dynamic :	0.42 mPa.s at 25 °C
Viscosity, kinematic :	no data available
Explosive properties :	Not explosive
Oxidizing properties :	Not classified as oxidising.

**9.2 Other information**

Peroxide content :	not applicable
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This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

**Section 10: Stability and reactivity****10.1 Reactivity**

Stable under normal conditions.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.



**10.4 Conditions to avoid**

Conditions to avoid : Avoid elevated temperatures

**10.5 Incompatible materials**

Materials to avoid :  
Zinc  
Magnesium  
Finely divided aluminium  
Strong bases  
Alkali metals  
Strong oxidizing agents  
Alkaline earth metals

**10.6 Hazardous decomposition products**

Hazardous decomposition products :  
Hydrogen chloride  
Carbon monoxide  
Phosgene

Thermal decomposition : > 120 °C

**Section 11: Toxicological information****Product information:****Hazard Summary**

Inhalation : Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough.  
Thermal decomposition can lead to release of irritating gases and vapours.  
Inhalation may cause central nervous system effects.

Skin : Causes skin irritation.

Eyes : Causes serious eye irritation.

Ingestion : May be harmful if swallowed.

**11.1 Information on toxicological effects****Toxicology data for the components:****Toxicology Assessment****Dichloromethane**

CMR effects : Carcinogenicity: Limited evidence of carcinogenicity in animal studies

**Test result****Dichloromethane**

Acute oral toxicity : LD50: > 2,000 mg/kg  
Species: rat  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50: 86 mg/l  
Exposure time: 4 h  
Species: rat

Acute dermal toxicity : LD50: > 2,000 mg/kg  
Species: rat  
Method: OECD Test Guideline 402

Skin irritation :	Species: rabbit Irritating to skin. Method: OECD Test Guideline 404
Eye irritation :	Species: rabbit Irritating to eyes.
Sensitisation :	Species: mouse Not sensitizing. Method: OECD Guide-line 429 - Skin Sensitization: Local Lymph Node Assay
Repeated dose toxicity :	Species: rat Application Route: Oral Exposure time: 104 weeks () NOEL: 6 Method: OECD Test Guideline 453  Species: rat Application Route: Inhalation Exposure time: 104 weeks () NOEL: 200 Method: OECD Test Guideline 453
Germ cell mutagenicity Genotoxicity in vitro :	In vitro cytogenetic test in CHO cells: positive Method: OECD guide-line 476 - In vitro Mammalian Cell Gene Mutation Test  In vitro gene mutation study in mammalian cells negative Method: Other guidelines  Ames test positive Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay)
Genotoxicity in vivo :	Chromosome aberration test in vivo Species: mouse Method: Mutagenicity (micronucleus test) negative
Reproductive toxicity/Fertility :	Method: OECD Test Guideline 416 Species: rat Application Route: Inhalation
Reproductive toxicity/ Development/Teratog enicity :	Method: OECD Test Guideline 414 Species: mouse Application Route: Inhalation  Method: OECD Test Guideline 414 Species: rat Application Route: Inhalation
Target Organ Systemic Toxicant - Single exposure :	May cause respiratory irritation. May cause drowsiness or dizziness.

Target Organ Systemic

Toxicant - Repeated exposure :

Species: rat

Application Route: Oral

Exposure time: 104 weeks ()

NOEL: 6

Method: OECD Test Guideline 453

Species: rat

Application Route: Inhalation

Exposure time: 104 weeks ()

NOEL: 200

Method: OECD Test Guideline 453

Exposure routes: Inhalation

Target Organs: Blood, Central nervous system

May cause damage to organs through prolonged or repeated exposure.

Exposure routes: Ingestion

Target Organs: Blood, Liver

May cause damage to organs through prolonged or repeated exposure.

## Section 12: Ecological information

### Product information:

#### Ecotoxicology Assessment

Additional ecological information : None known.

### 12.1 Toxicity

#### Components:

#### Ecotoxicology Assessment

#### Dichloromethane

Results of PBT assessment :

Not classified as PBT or vPvB

#### Test result Dichloromethane

Toxicity to fish :

LC50: 193 mg/l

Exposure time: 96 h

Species: Pimephales promelas (fathead minnow)

flow-through test Method: Other guidelines

LC50: 97 mg/l

Exposure time: 48 h

Species: Fundulus heteroclitus

Marine water Method: Other guidelines

Toxicity to daphnia and other aquatic invertebrates :

LC50: 27 mg/l

Exposure time: 48 h

Species: Daphnia magna (Water flea)

Fresh water Method: EPA-660/3-75-009

LC50: 109 mg/l

Exposure time: 48 h

Species: Palaemonetes pugio

Marine water Method: Other guidelines

Toxicity to algae :	NOEC: 550 mg/l Exposure time: 192 h Species: Microcystis aeruginosa - Algae, blue, cyanobacteria Cell multiplication inhibition test
Toxicity to bacteria :	EC50: 2,590 mg/l Exposure time: 0.67 h Respiration inhibition Method: OECD Guide-line 209
Toxicity to fish (Chronic toxicity) :	NOEC: 83 mg/l Exposure time: 28 d Species: Pimephales promelas (fathead minnow) flow-through test Method: Other guidelines

## 12.2 Persistence and degradability

### Components:

#### Dichloromethane

Biodegradability :	aerobic Readily biodegradable. 66 % Method: OECD Test Guideline 301D
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## 12.3 Bioaccumulative potential

### Components:

#### Dichloromethane

Bioaccumulation :	No bioaccumulation is to be expected (log Pow <= 4).
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## 12.4 Mobility in soil

### Components:

#### Dichloromethane

Mobility :	Medium: Soil no data available
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## 12.5 Results of PBT and vPvB assessment

### Components:

#### Dichloromethane

PBT and vPvB assessment :	Not classified as PBT or vPvB
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## 12.6 Other adverse effects

### Components:

#### Dichloromethane

Biochemical Oxygen Demand (BOD) :	no data available
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## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Product :	Dispose of as hazardous waste in compliance with local and national regulations. Where possible recycling is preferred to disposal or incineration.
Contaminated packaging :	Dispose of contents/container in accordance with local regulation.

## Section 14: Transport information

### 14.1 UN number

<b>ADR :</b>	1593
<b>RID :</b>	1593
<b>IMDG :</b>	1593
<b>IATA :</b>	1593

### 14.2 Proper shipping name

<b>ADR :</b>	DICHLOROMETHANE
<b>RID :</b>	DICHLOROMETHANE
<b>IMDG :</b>	DICHLOROMETHANE
<b>IATA :</b>	Dichloromethane

### 14.3 Transport hazard class

<b>ADR :</b>	6.1
<b>RID :</b>	6.1
<b>IMDG :</b>	6.1
<b>IATA :</b>	6.1

### 14.4 Packing group

#### ADR

Packaging group :	III
Classification Code :	T1
Hazard identification No :	60
Labels :	6.1
Tunnel restriction code :	(E)

#### RID

Packaging group :	III
Classification Code :	T1
Hazard identification No :	60
Labels :	6.1

#### IMDG

Packaging group :	III
Labels :	6.1
EmS Number :	F-A, S-A

#### IATA

Packing instruction (cargo aircraft) :	663
Packaging group :	III
Labels :	6.1

### 14.5 Environmental hazards

#### ADR

Environmentally hazardous :	no
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#### RID

Environmentally hazardous :	no
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#### IMDG

Marine Pollutant :	no
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#### IATA

Environmentally hazardous :	no
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**14.6 Special precautions for user**

Handle with care.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

no data available

**Section 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Major Accident

Hazard Legislation :

96/82/EC      Update: 2003  
Directive 96/82/EC does not applyWater contaminating class  
(Germany) :

WGK 2 water endangering

**Notification status**

CH INV :

YES. The formulation contains substances listed on the Swiss Inventory

US.TSCA :

YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.

DSL :

YES. All components of this product are on the Canadian DSL.

AICS :

YES. On the inventory, or in compliance with the inventory

NZIoC :

YES. On the inventory, or in compliance with the inventory

ENCS :

YES. On the inventory, or in compliance with the inventory

ISHL :

YES. On the inventory, or in compliance with the inventory

KECI :

YES. On the inventory, or in compliance with the inventory

PICCS :

YES. On the inventory, or in compliance with the inventory

IECSC :

YES. On the inventory, or in compliance with the inventory

For explanation of abbreviation see section 16.

**15.2 Chemical Safety Assessment**

Dichloromethane :

A Chemical Safety Assessment has been carried out for this substance.

**Section 16: Other information****Full text of H-Statements referred to under sections 2 and 3.**

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

H336

May cause drowsiness or dizziness.

H351

Suspected of causing cancer.

H373

exposure.

May cause damage to organs through prolonged or repeated

**Full text of R-phrases referred to under sections 2 and 3**

R36/37/38

Irritating to eyes, respiratory system and skin.

R40

Limited evidence of a carcinogenic effect.

R67

Vapours may cause drowsiness and dizziness.

**Full list of P-statements.**
**Prevention:**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ eye protection/ face protection.

**Response:**

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.

**Storage:**

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/ container to an approved waste disposal plant.
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**Explanations for possible abbreviations mentioned in section 2**

PBT :	PBT: Persistent, bioaccumulative and toxic.
vPvB :	vPvB: Very persistent and very bioaccumulative.
OEL :	OEL: Occupational exposure limit.

**Notification status explanation**

CH INV	Switzerland. New notified substances and declared preparations
US.TSCA	United States TSCA Inventory
DSL	Canadian Domestic Substances List (DSL)
AICS	Australia Inventory of Chemical Substances (AICS)
NZIoC	New Zealand. Inventory of Chemical Substances
ENCS	Japan. ENCS - Existing and New Chemical Substances Inventory
ISHL	Japan. ISHL - Inventory of Chemical Substances (METI)
KECI	Korea. Korean Existing Chemicals Inventory (KECI)
PICCS	Philippines Inventory of Chemicals and Chemical Substances
(PICCS)	
IECSC	China. Inventory of Existing Chemical Substances in China (IECSC)

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.