

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

### 1.1. Product identifier

Trade name or designation of the mixture	Hylotyte Red 100
Registration number	-
Synonyms	None.
SDS number	37
Issue date	05-December-2013
Version number	01
Revision date	-
Supersedes date	-

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

Identified uses	Non-Setting and Non-Hardening Gasketing Compound.
Uses advised against	Use in accordance with supplier's recommendations.

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

Manufacturer:	Hylomar Ltd.
Address:	Hylo House, Cale Lane, New Springs, Wigan, Greater Manchester, UK, WN2 1JT
Telephone number:	+44(0)1942 617000
E-mail address:	info@hylomar.co.uk
Contact person:	Technical Department
1.4. Emergency telephone number	1-760-476-3961
	Access code: 333544

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

**Classification** F;R11, Xi;R36, R66-67

The full text for all R-phrases is displayed in section 16.

#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Physical hazards

Flammable liquids	Category 2	H225 - Highly flammable liquid and vapour.
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##### Health hazards

Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.

##### Hazard summary

<b>Physical hazards</b>	Highly flammable.
<b>Health hazards</b>	Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Occupational exposure to the substance or mixture may cause adverse health effects.
<b>Environmental hazards</b>	Not classified for hazards to the environment.
<b>Specific hazards</b>	Irritating to eyes. Vapours may cause drowsiness and dizziness.
<b>Main symptoms</b>	Irritation of eyes and mucous membranes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain.

### 2.2. Label elements

**Label according to Regulation (EC) No. 1272/2008 as amended****Contains:** Acetone**Hazard pictograms****Signal word** Danger
**Hazard statements** H225 - Highly flammable liquid and vapour.  
 H319 - Causes serious eye irritation.  
 H336 - May cause drowsiness or dizziness.
**Precautionary statements**
**Prevention** P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P233 - Keep container tightly closed.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P264 - Wash thoroughly after handling.  
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P271 - Use only outdoors or in a well-ventilated area.

**Response** P370 + P378 - In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.  
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337 + P313 - If eye irritation persists: Get medical advice/attention.  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P312 - Call a POISON CENTRE or doctor/physician if you feel unwell.

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

**Disposal** P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.
**Supplemental label information** Not applicable.**2.3. Other hazards** Not assigned.**SECTION 3: Composition/information on ingredients****3.2. Mixtures****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Acetone	30 - 50	67-64-1 200-662-2	-	606-001-00-8	#
<b>Classification:</b>	<b>DSD:</b> F;R11, Xi;R36, R66-67				
	<b>CLP:</b> Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336				

#: This substance has workplace exposure limit(s).

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

**Composition comments** The full text for all R- and H-phrases is displayed in section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
**SECTION 4: First aid measures**
**General information** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
**4.1. Description of first aid measures**
**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin contact** Immediately take off all contaminated clothing. Wash skin thoroughly with soap and water. If irritation persists get medical attention.

**Eye contact** Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed** Irritation of eyes and mucous membranes. Exposed individuals may experience eye tearing, redness, and discomfort. Vapours may cause drowsiness and dizziness.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically.

## SECTION 5: Firefighting measures

**General fire hazards** The product is highly flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. Vapours are heavier than air and may travel along the ground to some distant source of ignition and flash back.

### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray, foam, dry powder or carbon dioxide.

**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** By heating and fire, toxic vapours/gases may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

**Special fire fighting procedures** Use standard firefighting procedures and consider the hazards of other involved materials. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Keep upwind. Ventilate closed spaces before entering them. Avoid inhalation of vapours/spray and contact with skin and eyes. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**For emergency responders** Keep unnecessary personnel away. Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Eliminate all ignition sources. Ventilate the area. Wipe up with absorbent material (e.g. cloth, fleece). Transfer to a container for disposal. Following product recovery, flush area with water.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Wear protective clothing as described in Section 8 of this safety data sheet. Wash thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. Keep away from sources of ignition - No smoking. Use only outdoors or in a well-ventilated area. Avoid inhalation of vapors and contact with skin, eyes and clothing. Avoid release to the environment.

**7.2. Conditions for safe storage, including any incompatibilities** Keep away from heat, spark, open flames and other sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Store away from incompatible materials.

**7.3. Specific end use(s)** Non-Setting and Non-Hardening Gasketing Compound.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Austria. MAK List

Components	Type	Value
Acetone (CAS 67-64-1)	MAK	1200 mg/m <sup>3</sup> 500 ppm
	STEL	4800 mg/m <sup>3</sup> 2000 ppm

**Belgium. Exposure Limit Values.**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	2420 mg/m <sup>3</sup>
		1000 ppm
	TWA	1210 mg/m <sup>3</sup>
		500 ppm

**Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	1400 mg/m <sup>3</sup>
	TWA	600 mg/m <sup>3</sup>

**Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09**

Components	Type	Value
Acetone (CAS 67-64-1)	MAC	1210 mg/m <sup>3</sup>
		500 ppm

**Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	2400 mg/m <sup>3</sup>
		1000 ppm

**Czech Republic. OELs. Government Decree 361**

Components	Type	Value
Acetone (CAS 67-64-1)	Ceiling	1500 mg/m <sup>3</sup>
	TWA	800 mg/m <sup>3</sup>

**Denmark. Exposure Limit Values**

Components	Type	Value
Acetone (CAS 67-64-1)	TLV	600 mg/m <sup>3</sup>
		250 ppm

**Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup>
		500 ppm

**Finland. Workplace Exposure Limits**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	1500 mg/m <sup>3</sup>
		630 ppm
	TWA	1200 mg/m <sup>3</sup>
		500 ppm

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

Components	Type	Value
Acetone (CAS 67-64-1)	VLE	2420 mg/m <sup>3</sup>
		1000 ppm
	VME	1210 mg/m <sup>3</sup>
		500 ppm

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1200 mg/m <sup>3</sup>
		500 ppm

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

Components	Type	Value
Acetone (CAS 67-64-1)	AGW	1200 mg/m <sup>3</sup>
		500 ppm

**Greece. OELs (Decree No. 90/1999, as amended)**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	3560 mg/m <sup>3</sup>
	TWA	1780 mg/m <sup>3</sup>

**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	2420 mg/m <sup>3</sup>
	TWA	1210 mg/m <sup>3</sup>

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	600 mg/m <sup>3</sup> 250 ppm

**Ireland. Occupational Exposure Limits**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Italy. OELs**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Latvia. OELs. Occupational exposure limit values of chemical substances in work environment**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	2420 mg/m <sup>3</sup>
		1000 ppm
	TWA	1210 mg/m <sup>3</sup>
		500 ppm

**Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Netherlands. OELs (binding)**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	2420 mg/m <sup>3</sup>
	TWA	1210 mg/m <sup>3</sup>

**Norway. Administrative Norms for Contaminants in the Workplace**

Components	Type	Value
Acetone (CAS 67-64-1)	TLV	295 mg/m <sup>3</sup> 125 ppm

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	1800 mg/m <sup>3</sup>

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

<b>Components</b>	<b>Type</b>	<b>Value</b>
	TWA	600 mg/m <sup>3</sup>

**Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Spain. Occupational Exposure Limits**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

**Sweden. Occupational Exposure Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	STEL	1200 mg/m <sup>3</sup> 500 ppm
	TWA	600 mg/m <sup>3</sup> 250 ppm

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	STEL	2400 mg/m <sup>3</sup> 1000 ppm
	TWA	1200 mg/m <sup>3</sup> 500 ppm

**UK. EH40 Workplace Exposure Limits (WELs)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	STEL	3620 mg/m <sup>3</sup> 1500 ppm
	TWA	1210 mg/m <sup>3</sup> 500 ppm

**EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU**

<b>Components</b>	<b>Type</b>	<b>Value</b>
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

## Biological limit values

### France. Biological indicators of exposure (IBE) (National Institute for Research and Security (INRS, ND 2065))

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	100 mg/l	Acétone	Urine	*

\* - For sampling details, please see the source document.

### Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*

\* - For sampling details, please see the source document.

### Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	53,36 mg/g	Acetone	Creatinine in urine	*
	80 mg/l	Acetone	Urine	*

\* - For sampling details, please see the source document.

### Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	50 mg/l	Acetona	Urine	*

\* - For sampling details, please see the source document.

### Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*

\* - For sampling details, please see the source document.

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no-effect level (DNEL)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

## 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

### Individual protection measures, such as personal protective equipment

**General information** Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.

#### Skin protection

**- Hand protection** Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier. Butyl rubber gloves are recommended.

**- Other** Normal work clothing (long sleeved shirts and long pants) is recommended.

**Respiratory protection** In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with gas filter (type A2). If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls** Environmental manager must be informed of all major releases.

## SECTION 9: Physical and chemical properties

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

**Appearance** Liquid.

**Physical state** Liquid.

<b>Form</b>	Thixotropic gel.
<b>Colour</b>	Red.
<b>Odour</b>	Acetone.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	-17,0 °C (1,4 °F)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	0,95 (20 °C)
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	
<b>VOC (Weight %)</b>	40 %

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Heat, flames and sparks.
<b>10.5. Incompatible materials</b>	Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

<b>General information</b>	Occupational exposure to the substance or mixture may cause adverse effects.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Ingestion may cause irritation and malaise.
<b>Inhalation</b>	Vapours may cause drowsiness and dizziness. In high concentrations, vapours may be irritating to the respiratory system.
<b>Skin contact</b>	Prolonged or repeated skin contact may cause drying, cracking, or irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Symptoms</b>	Irritation of eyes and mucous membranes. Exposed individuals may experience eye tearing, redness, and discomfort.
<b>11.1. Information on toxicological effects</b>	
<b>Acute toxicity</b>	May cause discomfort if swallowed.

Components	Species	Test results
Acetone (CAS 67-64-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	20 ml/kg
<i>Inhalation</i>		
LC50	Rat	50 mg/l, 8 Hours
<i>Oral</i>		
LD50	Rat	5800 mg/kg
<b>Skin corrosion/irritation</b>	May cause skin irritation.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.	
<b>Respiratory sensitisation</b>	Not classified.	
<b>Skin sensitisation</b>	Not classified.	
<b>Germ cell mutagenicity</b>	Not classified.	
<b>Carcinogenicity</b>	Not classified.	
<b>Reproductive toxicity</b>	Not classified.	
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness or dizziness.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not classified.	
<b>Mixture versus substance information</b>	Not applicable.	
<b>Other information</b>	No other specific acute or chronic health impact noted.	

## SECTION 12: Ecological information

**12.1. Toxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test results
Acetone (CAS 67-64-1)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> ) > 100 mg/l, 96 hours Rainbow trout, donaldson trout (4740 - 6330 mg/l, 96 hours) ( <i>Oncorhynchus mykiss</i> )
<b>12.2. Persistence and degradability</b>	Not available.	
<b>12.3. Bioaccumulative potential</b>	Not available.	
<b>Partition coefficient n-octanol/water (log Kow)</b>		
Acetone (CAS 67-64-1)	-0,24	
<b>Bioconcentration factor (BCF)</b>	Not available.	
<b>12.4. Mobility in soil</b>	Not available.	
<b>Mobility in general</b>	The product is insoluble in water.	
<b>12.5. Results of PBT and vPvB assessment</b>	Not a PBT or vPvB substance or mixture.	
<b>12.6. Other adverse effects</b>	None known.	

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal methods/information** Do not discharge into drains, water courses or onto the ground. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

### ADR

14.1. UN number	UN1133
14.2. UN proper shipping name	ADHESIVES.
14.3. Transport hazard class(es)	3
Subsidiary class(es)	-
14.4. Packing group	II
14.5. Environmental hazards	No
Tunnel restriction code	Not available.
Labels required	3
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

### RID

14.1. UN number	UN1133
14.2. UN proper shipping name	ADHESIVES.
14.3. Transport hazard class(es)	3
Subsidiary class(es)	-
14.4. Packing group	II
14.5. Environmental hazards	No
Labels required	3
14.6. Special precautions for user	Not available.

### ADN

14.1. UN number	UN1133
14.2. UN proper shipping name	ADHESIVES.
14.3. Transport hazard class(es)	3
Subsidiary class(es)	-
14.4. Packing group	II
14.5. Environmental hazards	No
Labels required	3
14.6. Special precautions for user	Not available.

### IATA

14.1. UN number	UN1133
14.2. UN proper shipping name	Adhesives.
14.3. Transport hazard class(es)	3
Subsidiary class(es)	-
14.4. Packing group	II
14.5. Environmental hazards	No
Labels required	3
ERG code	Not available.
14.6. Special precautions for user	Read safety instructions, MSDS and emergency procedures before handling.

### IMDG

14.1. UN number	UN1133
14.2. UN proper shipping name	ADHESIVES.
14.3. Transport hazard class(es)	3
Subsidiary class(es)	-
14.4. Packing group	II
14.5. Environmental hazards	
Marine pollutant	No
Labels required	3

- 14.6. Special precautions for user** Read safety instructions, MSDS and emergency procedures before handling.
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

#### EU regulations

- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I**  
Not listed.
- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II**  
Not listed.
- Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**  
Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended**  
Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended**  
Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended**  
Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended**  
Not listed.
- Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**  
Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA**  
Not listed.

#### Authorisations

- Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended**  
Not listed.

#### Restrictions on use

- Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**  
Acetone (CAS 67-64-1)
- Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work**  
Not regulated.
- Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding**  
Not regulated.

#### Other EU regulations

- Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances**  
Not regulated.
- Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**  
Acetone (CAS 67-64-1)
- Directive 94/33/EC on the protection of young people at work**  
Not listed.

#### Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended and respective national laws implementing EC directives.

#### National regulations

Follow national regulation for work with chemical agents.

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

CLP: Regulation No. 1272/2008.  
DNEL: Derived No-Effect Level.  
PBT: Persistent, bioaccumulative and toxic.  
PNEC: Predicted No-Effect Concentration.  
vPvB: Very Persistent and very Bioaccumulative. DSD: Directive 67/548/EEC.

LD50: Lethal Dose, 50%.  
LC50: Lethal Concentration, 50%.

### References

HSDB® - Hazardous Substances Data Bank  
Registry of Toxic Effects of Chemical Substances (RTECS)  
ESIS (European chemical Substances Information System)

### Information on evaluation method leading to the classification of mixture

The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. For details, refer to Sections 9, 11 and 12.

### Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R11 Highly flammable.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

### Training information

Follow training instructions when handling this material.

### Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.