**TECH DATA SHEET 60347** 





### Description

MOLYSLIP LQG is a multi-purpose lubricant consisting of a colloidal suspension of molybdenum disulphide in a semi-fluid grease. The aerosol spray application and ability to penetrate ensures effective lubrication is delivered into even the most inaccessible areas. LQG combines the advantages of solid grease with those of a lubricating oil – the sub-micron particle size molybdenum disulphide reduces friction and wear and the effective corrosion inhibitors protect components from harsh environments.

MOLYSLIP LQG is suitable for use in a wide range of applications including bearings, slides, pins, bushes and other mechanisms requiring long term effective lubrication.

### Features and benefits

- Convenient aerosol application
- Excellent penetration properties
- Good load carrying and anti-wear
- Effective protection against corrosion
- 360° spray can

### Instructions for use

Shake can before use. Apply from a suitable distance. Do not spray near naked flames or incandescent material.

## Packaging

400 ml aerosol

## Liquid spray grease Technical Data

Property	Test method	Result
Appearance	-	Semi-fluid grey/black grease
Lubricating solids	-	MoS <sub>2</sub>
Operating temperature range	-	-35°C to +90°C

## Storage

Store MOLYSLIP LQG out of direct sunlight. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Issue date 06-17

## Liquid spray grease Safety Data Sheet



According to Regulation (EC) No 1907/2006, Annex II, as amended.Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of	the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Molyslip LQG Spray
1.2. Relevant identified uses	of the substance or mixture and uses advised against
Identified uses	Lubricant.
Uses advised against	No specific uses advised against are identified.
1.3. Details of the supplier of	f the safety data sheet
Supplier	Molyslip 4 Huntsman Drive Northbank Industrial Park Irlam Manchester M44 5EG UK +44 (0)161 804 4700 +44 (0)161 804 4701 compliance@molyslip.co.uk
1.4. Emergency telephone n	umber
Emergency telephone	+44 (0)161 804 4700
SECTION 2: Hazards identif	ication
2.1. Classification of the sub	stance or mixture
Classification (EC 1272/2008	<u>3)</u>
Physical hazards	Aerosol 1 - H222, H229
Health hazards	Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
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. H336 May cause drowsiness or dizziness. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements	<ul> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P211 Do not spray on an open flame or other ignition source.</li> <li>P251 Do not pierce or burn, even after use.</li> <li>P273 Avoid release to the environment.</li> <li>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</li> </ul>
Contains	n-heptane
Supplementary precautionary statements	<ul> <li>P261 Avoid breathing spray.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P312 Call a POISON CENTER/ doctor if you feel unwell.</li> <li>P321 Specific treatment (see medical advice on this label).</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P391 Collect spillage.</li> <li>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</li> <li>P405 Store locked up.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>

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### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients		
3.2. Mixtures		
n-heptane		30-60%
CAS number: 142-82-5	EC number: 205-563-8	REACH registration number: 01- 2119475515-33-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Flam. Liq. 2 - H225		
Skin Irrit. 2 - H315		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

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Distillates (petroleum), hydrotreated	l heavy paraffinic <3%	30-60%
CAS number: 64742-54-7	EC number: 265-157-1	REACH registration number: 01- 2119484327-25-XXXX
Classification Not Classified		
Petroleum gases, liquefied		10-30%
CAS number: 68476-85-7	EC number: 270-704-2	
This product is exempted from pre-r	registration and registration in accorda	nce with Annex V
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas, Liquefied - H280		
Residual oils (petroleum), hydrotrea	ited <3% DMSO	10-30%
CAS number: 64742-57-0	EC number: 265-160-8	REACH registration number: 01- 2119489287-22-XXXX
Classification Not Classified		
Polyisobutylene in mineral oil		<1%
CAS number: —		
This product is a polymer as defined and registration.	d in Art. 3 (5) of the Reach regulation a	and is exempt from pre-registration
Classification Not Classified		
Calcium dihydroxide		<1%
CAS number: 1305-62-0	EC number: 215-137-3	REACH registration number: 01- 2119475151-45-XXXX
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H336		
The Full Text for all R-Phrases and H	lazard Statements are Displayed in Se	ection 16.
SECTION 4: First aid measures		

### 4.1. Description of first aid measures

General information

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention if symptoms are severe or persist.
Skin contact	Rinse with water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.
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	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Skin contact	Redness. Irritating to skin.
Eye contact	May be slightly irritating to eyes. May cause discomfort.
4.3. Indication of any immedia	te medical attention and special treatment needed
Notes for the doctor	Treat symptomatically.
SECTION 5: Firefighting meas	sures
5.1. Extinguishing media	
Suitable extinguishing media	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising fr	om the substance or mixture
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Vapours may form explosive mixtures with air.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
5.3 Advice for firefighters	

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5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### 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. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Evacuate area. Risk of explosion. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

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

Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No
	smoking, sparks, flames or other sources of ignition near spillage. Under normal conditions of
	handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are
	ruptured, care should be taken due to the rapid escape of the pressurised contents and
	propellant. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely.
	Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up.
	Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and
	place it in a suitable waste disposal container. Flush contaminated area with plenty of water.
	Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty
	into drains. For waste disposal, see Section 13.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Avoid exposing aerosol containers to high temperatures or direct sunlight. The product is	
	flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapours and spray/mists.	
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.	
7.2. Conditions for safe storag	e, including any incompatibilities	
Storage precautions	Store away from incompatible materials (see Section 10). Store locked up. Keep away from oxidising materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F.	
Storage class	Miscellaneous hazardous material 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 Contro	Is/personal protection	
8.1. Control parameters		
Occupational exposure limits		
n-heptane		
Long-term exposure limit (8-ho		
. , ,	reated heavy paraffinic <3% DMSO	
Long-term exposure limit (8-ho Long-term exposure limit (8-ho		
Petroleum gases, liquefied	·	
Long-term exposure limit (8-hour TWA): WEL 1750 mg/m³ respirable dust		
Short-term exposure limit (15-minute): WEL 2180 mg/m <sup>3</sup> respirable dust		
Residual oils (petroleum), hydrotreated <3% DMSO		
Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³ dust and mists		
Polyisobutylene in mineral oil		
Long-term exposure limit (8-hour TWA): WEL 5 mg/m³ Short-term exposure limit (15-minute): WEL 10 mg/m³		
Calcium dihydroxide		
Long-term exposure limit (8-hour TWA): WEL 5 mg/m <sup>3</sup>		
WEL = Workplace Exposure Limit ACGIH = American Conference of Governmental Industrial Hygienists.		
	n-bentane (CAS: 142-82-5)	

### n-heptane (CAS: 142-82-5)

DNELWorkers - Dermal; systemic effects: 300 mg/kg/dayWorkers - Inhalation; systemic effects: 2085 mg/m³

PNEC

DNEL

8.2. Exposure controls Protective equipment

- Fresh water; 0.03 mg/l
  - Marine water; 0.03 mg/l
  - Sediment (Freshwater); 4.4 mg/kg
  - Sediment (Marinewater); 4.4 mg/kg
  - Soil; 1.8 mg/kg

### Distillates (petroleum), hydrotreated heavy paraffinic <3% DMSO (CAS: 64742-54-7)

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Workers - Inhalation; Long term local effects: 5.4 mg/m<sup>3</sup>

Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
Hand protection	Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection	Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.
Environmental exposure controls	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### **SECTION 9: Physical and Chemical Properties**

9.1. Information on basic physical and chemical properties		
Appearance Aerosol.		
Odour	Characteristic.	
Flash point	< -60°C COC (Cleveland open cup).	
Solubility(ies)	Immiscible with water.	

### 9.2. Other information

9.2. Other information	
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	See the other subsections of this section for further details.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	The following materials may react strongly with the product: Oxidising agents.
10.4. Conditions to avoid	
Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated
10.5. Incompatible materials	
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
10.6. Hazardous decomposition	on products
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
SECTION 11: Toxicological in	formation
11.1. Information on toxicolog	ical effects
Acute toxicity - oral	
Notes (oral LD₅o)	Based on available data the classification criteria are not met.
Acute toxicity - dermal	
Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
Acute toxicity - inhalation	
Notes (inhalation LC50)	Based on available data the classification criteria are not met.

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Skin corrosion/irritation Animal data Serious eye damage/irritation

**Respiratory sensitisation** 

Carcinogenicity

Carcinogenicity

Serious eye damage/irritation Based on available data the classification criteria are not met.

Irritating.

**Respiratory sensitisation** Based on available data the classification criteria are not met.

Skin sensitisation Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity Genotoxicity - in vitro Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

IARC carcinogenicity None of the ingredients are listed or exempt.



Depreductive toxicity		
Reproductive toxicity Reproductive toxicity - fertility	Based on available data the classification criteria are not met.	
Reproductive toxicity -	Based on available data the classification criteria are not met.	
development		
Specific target organ toxicity -	single exposure	
STOT - single exposure	STOT SE 3 - H336 May cause drowsiness or dizziness.	
Target organs	Central nervous system	
Specific target organ toxicity -	repeated exposure	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.	
Aspiration hazard		
Aspiration hazard	Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways. Pneumonia may be the result if vomited material containing solvents reaches the lungs.	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.	
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.	
Skin contact	Redness. Irritating to skin.	
Eye contact	May be slightly irritating to eyes. May cause discomfort.	
Route of entry	Ingestion Inhalation Skin and/or eye contact	
Target organs	Central nervous system	
SECTION 12: Ecological Infor	mation	
12.1. Toxicity		
Toxicity	Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.	
12.2. Persistence and degrada	ability	
Persistence and degradability	The degradability of the product is not known.	
12.3. Bioaccumulative potential		
Bioaccumulative potential	No data available on bioaccumulation.	
12.4. Mobility in soil		
Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.	
12.5. Results of PBT and vPvB assessment		
12.6. Other adverse effects		
Other adverse effects	None known.	

### SECTION 13: Disposal considerations

13.1. Waste treatment methods	<u>S</u>
General information	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
Disposal methods	Do not empty into drains. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.
SECTION 14: Transport inform	ation
General	For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.
14.1. UN number	
UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950
14.2. UN proper shipping name	9
Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS (CONTAINS n-heptane, LONG-CHAIN ALKARYL SODIUM SULFONATE)
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS
14.3. Transport hazard class(e	s <u>)</u>
ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1
Transport labels	

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14.4. Packing group	
ADR/RID packing group	None
IMDG packing group	None



ADN packing group	None
ICAO packing group	None

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

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

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

**SECTION 15: Regulatory information** 

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits. The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
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). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Council Directive of 20 May 1975 on the approximation of the laws of the Member States

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

**EU - EINECS/ELINCS** 

None of the ingredients are listed or exempt.

### **SECTION 16: Other information**

Abbreviations and acronyms used in the safety data sheet

1
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

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	<ul> <li>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</li> <li>IATA: International Air Transport Association.</li> <li>ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</li> <li>IMDG: International Maritime Dangerous Goods.</li> <li>CAS: Chemical Abstracts Service.</li> <li>ATE: Acute Toxicity Estimate.</li> <li>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</li> <li>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</li> <li>EC<sub>50</sub>: 50% of maximal Effective Concentration.</li> <li>PBT: Persistent, Bioaccumulative and Toxic substance.</li> <li>vPvB: Very Persistent and Very Bioaccumulative.</li> </ul>
Classification abbreviations and acronyms	Aerosol = Aerosol Skin Irrit. = Skin irritation STOT SE = Specific target organ toxicity-single exposure Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Classification procedures according to Regulation (EC) 1272/2008	Asp. Tox. 1 - H304: STOT SE 3 - H336: Skin Irrit. 2 - H315: : Calculation method. Aquatic Acute 1 - H400: Aquatic Chronic 1 - H410: : Calculation method. Aerosol 1 - H222, H229: : Expert judgement.
Training advice	Only trained personnel should use this material.
Revision date	21/11/2017
Revision	3
Supersedes date	20/10/2017
SDS number	5197
Hazard statements in full	<ul> <li>H220 Extremely flammable gas.</li> <li>H222 Extremely flammable aerosol.</li> <li>H225 Highly flammable liquid and vapour.</li> <li>H229 Pressurised container: may burst if heated</li> <li>H280 Contains gas under pressure; may explode if heated.</li> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H315 Causes skin irritation.</li> <li>H318 Causes serious eye damage.</li> <li>H336 May cause drowsiness or dizziness.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> </ul>

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.