

SAFETY DATA SHEET

According to 1907/2006/EC, article 31

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Updated on: 17.05.2011

Cancels and replaces: 25.09.2006

-1- Chemical product and company identification

Product name	STOPACID-POE
Recommended uses	Acid neutralizer for polyol-ester refrigerating oil
Supplier	CARLY Zone Industrielle de Braille - 69380 LISSIEU – France www.carly-sa.com - Phone: +33 (0) 478 47 61 20 - Telefax: +33 (0) 478 47 33 63
Department to contact	Safety Data Sheets: info@carly-sa.com
Emergency telephone number	INRS / ORFILA (France) - Phone: +33 (0) 145 425 959

-2- Hazards identification

Most important hazard	
- Adverse human health effects	In case of long time or frequent contact, can irritate the skin. Can irritate eyes. Can irritate mouth and intestines. R36/38: Irritant for eyes and skin. S2: Keep out of reach of children S24/25: Avoid contact with skin and eyes
- Environmental effects	Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

-3- Compositions / Information on ingredients

Chemical nature	Mixture of synthetic lubricant and chemical agents			
Chemical description of the active products	CAS	EINECS	EC classification	Concentration
Synthetic lubricant	-	-	-	> 80%
Alkaline hydroxide	1310-73-2	215-185-5	C - R35	< 2%

-4- First aid measures

In all case, where there is any doubt or if the symptoms persist, always consult a doctor.

Inhalation	If the person feels unwell, move the affected person to the fresh air and call a doctor.
Skin contact	Wash immediately with plenty of water.
Eye contact	Rinse immediately and thoroughly, pulling the eyelids well away from the eye, at least 10 minutes. If irritation persists, consult an eye specialist.
Ingestion	Rinse out mouth with water. NEVER attempt to induce vomiting. Keep the person quite and resting, call a doctor, and show him the packaging or the label. Never give an unconscious person anything to drink. Consult a doctor.

-5- Fire fighting measures

Suitable extinguishing media	Those suited near products or equipments
Not suitable extinguishing media	-
Specific hazards	Non flammable product.
Specific fire fighting methods	Do not attempt to fight the fire without suitable protective equipment. Do not dispose of fire-fighting water in the environment.
Protection of fire-fighters	Breathing apparatus

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-6- Accidental release measures

Personal precautions	Avoid contact with eyes and skin. Wear glasses and gloves during the operation.
Environmental precautions	For a spillage contain the spilled material by bunding. Do not discharge into drains and rivers. Do not allow product to spread into the environment. Eliminate as stipulated in current local and national laws.
Clean up methods	
- Recovery	Collect up the product and place it in a spare container suitable labeled. Keep recovered product for subsequent disposal.
- Neutralization	Use absorbent material.
- Cleaning / decontamination	-

-7- Handling and storage

Recommendations for the workplace in which products are stored.

Handling

- Technical measures	Ventilation.
- Precautions	Use in well-ventilated areas.

Storage

- Technical measures	Store at between 5°C and 40°C in hermetically closed packaging. Do not stock near to strong oxidizing agents.
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Storage conditions

- Recommended	Store: - in a hermetically closed container - and keep away from combustible materials and food / drinks.
- Incompatible materials	Strong oxidizing agents.

Packaging materials

- Recommended	Glassed bottle / materials resistant to hydrocarbons
- Not suitable	Plastic materials (PVC)

-8- Exposure controls / personal protection

Occupational exposure limits	Alkaline hydroxyde 1310-73-2				
	France	VLCT-mg/m ³	VME-mg/m ³	VLE-ppm	VLE-mg/m ³
		-	2	-	-
	Swiss	VLCT-mg/m ³	VME-mg/m ³	VLE-ppm	VLE-mg/m ³
		-	21	-	21
	Belgium	TWA-mg/m ³	STEL		Ceiling Definition
		2	-	-	-
	USA	TWA-mg/m ³	STEL		Ceiling Definition
		-	-	10mg/m ³	-

Exposure control

Personal protective equipment	
- Respiratory protection	If the ventilation is suitable, it is not essential to wear respiratory equipment.
- Hand protection	Protective gloves are recommended (nitrile-rubber or PVC)
- Eye protection	Safety goggles with waterproof side shields.

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- Body protection	Suitable protective clothing.
Environment exposition	Not discharge into rivers and drains is prohibited.
Hygiene measures	Do not eat and drink during use. Avoid all excessive inhalation, prolonged contact with the skin, all contact with the eyes. Rinse abundantly in case of contact. Do not swallow. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

-9- Physical and chemical properties

General informations

Physical state	Liquid
Color	Translucent
Odour	-

Important information for health, safety and environment

Temperature of decomposition	> 350°C
Boiling point	-
Flash point	Not know
Melting point	< 0°C
Auto-ignition temperature	-
Ignition point (°C)	> 100°C
Combustive properties	Data not available
Explosive limits in air	-
Vapor pressure	-
Vapor density (air = 1)	-
Density (20°C)	0,90 +/- 0,05
Viscosity (20°C)	Small
Solubility in water	Non soluble
Solubility in	Lipophile components
Dividing co-efficient n-octanol / water	Data not available

-10- Stability and reactivity

Stability	Stable under normal conditions of storage and use (room temperature)
Conditions to avoid	Flames, sparks, high temperatures.
Materials to avoid	Can react with strong oxidants.
Hazardous decomposition product	Thermal decomposition produces irritating vapors.

-11- Toxicological information

Acute toxicity	Synthetic lubricant DL50-oral-rat: >2000mg/kg Alkaline hydroxide No data available
Local effects	Can cause dermatological problems with repeated of prolonged contact with the skin. Irritant to eyes. On inhalation can cause headaches and nausea. On ingestion (in large quantities) : Vomiting, digestive disorders.

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Sensibilization	No sensitizing effect is known.
Toxicity by repeated administration	No data available.
CMR effects	No effect Carcinogenic, Mutagenic or Toxic to Reproduction.

-12- Ecological information

Ecotoxicity Effects on the aquatic Environment	Synthetic lubricant: little toxic for fish and bacteria CL50 (fish) – 96h: >1000mg/l CL50 (bacteria) – 6h : >10mg/l Alkaline hydroxide No data available
Degradability	Synthetic lubricant: biodegradation 100% (substantially biodegradable in water)
Bioaccumulation	No data available.
Mobility	No data available. Do not allow the product to spread into the environment.
PBT evaluation result	No data available.

-13- Disposal considerations

Waste from product - Prohibition	Discharging waste into rivers and drains is prohibited. Do not allow the product to be released into the environment
- Destructions/ disposal	Dispose of at an licensed site.
Contaminated packaging - Decontamination/cleaning	Do not allow the product to be released into the environment
- Destruction / disposal	Dispose of at an licensed site.
Nota	The user's attention is draw to the possible existence of specific European, national or local regulations regarding disposal. During surplus or waste disposal, avoid contact with eyes and keep safety gloves and waterproof goggles.

-14- Transport information

International regulations UN No.	Non restricted product
- ADR/RID	Non restricted
- OMI/IMDG	Non restricted
- OACI/IATA	Non restricted
Nota	The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency.

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-15- Regulatory information

Consult and apply all the national laws: European Union directives ; all primary and secondary French legislation concerning dangerous substances and preparations, pre-packaging and aerosol generators ; all laws on the protection of workers ; all laws on the protection of the environment ; all United Nations laws on transport ; all local authority laws In force.

This product is classified in compliance with European directives criteria concerning the regulation of dangerous substances and preparations and must be labeled in compliance with current regulation.

EC labeling Mandatory labeling (self-classification) of hazardous preparations: applicable

- Symbols and indications of danger

- IRRITANT (Xi)

- R phrases

R36/38: Irritant for eyes and skin.

- S phrases

S2: Keep out of reach of children

S24/25: Avoid contact with skin and eyes.

Nota

The regulatory information given above only indicate the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations.

-16- Other information

Further information

Product for professional use only.

For more information regarding the use of this product please refer to the technical information or contact the sales department in your region.

Update

This sheet was updated (refer to the date at the top of the first page)

All information and instructions provided in this Material Safety Data Sheet is based on the current state of scientific and technical knowledge at the date indicated on the present MSDS, but does not constitute a guarantee of the properties of the product and is not a contractual legal report.

The safety data sheet has been written in conformity with the article 31 and the Annex II of the UE REACH regulation, and the amendments concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and preparation.

It is the responsibility of persons in receipt of this MSDS to ensure that all people who may use, handle, dispose or in any way come in contact with the product understands this information.

This sheet completes the technical sheets but it does not replace them. The information given is based on our knowledge of this product. It is given in good faith. This document should not be considered as a guarantee of specifications. The users attention is drawn to the risks possibly incurred by using the product for any other purpose than that for which it was intended. This document does not in any way excuse the user from knowing and applying all the regulations governing his activity for the handling, usage, application, storage, transport, and waste disposal of the product. It is the sole responsibility of the user to take all precautions required in handling the product. The mandatory regulations mentioned are only intended to help the user to fulfill his obligations regarding the use of hazardous products. This listing must not be considered as exhaustive. It does not exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.