

SAFETY DATA SHEET (According to 91/155 EC)
Coolpoint PAG 100

Date Revised : 26/04/05

Replaces Version of : 15/12/03

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name	Coolpoint PAG 100
Product Use	Lubricant
Supplier	Coolpoint 1705 Peachtree Rd. Mesquite, Texas 75180 USA
Contact Numbers	Tel. 972-289-9696 Fax. 972-288-8486
Emergency Telephone Number	NCEC: 800-831-6301

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation	Polyalkylene glycol. (Based on major component)
Additional information	All components are either EINECS listed or classified as polymers.
Dangerous Components	Not applicable

3. HAZARDS IDENTIFICATION

Hazard description	Not classified as hazardous.
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4. FIRST AID MEASURES

General information	Immediately remove any clothing soiled by the product.
After Inhalation	Remove from exposure. Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
After skin contact	Immediately wash with water and soap and rinse thoroughly.
After eye contact	Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing	Wash out the mouth with water. Never administer anything by mouth if a casualty is losing consciousness, is unconscious or is convulsing. Do not induce vomiting; call for medical help immediately.
Information for doctor	Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Means	Water spray, alcohol resistant foam, fire-extinguishing powder, carbon dioxide.
Unsuitable extinguishing media	Water with full jet.
Special hazards caused by the substance, its products of combustion or resulting gases	Formation of toxic gases is possible during heating or in the case of fire.
Protective equipment	Wear self-contained breathing apparatus.
Additional information	Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear protective clothing.
Environmental Protection	Do not allow product to reach sewage system or any watercourse. Inform authorities in case of seepage into watercourse or sewage system.
Measures for cleaning/collecting	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable containers.
Additional Information	See Section 8 for information on personal protection equipment.

7. HANDLING AND STORAGE

Handling	Store in cool, dry place in tightly closed containers. Use only in well ventilated areas. Avoid breathing mist or vapour from heated material. Local exhaust ventilation should be provided if there is risk of mist or aerosol formation.
Information about fire and explosion protection	The product is not flammable.
Storage Requirements to be met by storerooms and receptacles	Suitable storage materials are: mild steel. Stainless steel.
Information about storage in one common storage facility	Store away from oxidising agents. Store away from reducing agents.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Personal protective equipment: General protective and hygienic measures	Do not inhale gases/fumes/aerosols. Avoid contact with eyes and skin.
Respiratory Protection	Respiratory protection if there is a risk of breathing mists or vapours from heated material. Respiratory protection if there is risk of uncontrolled exposure to aerosols.
Recommended filter device for short term use	Combination filter A-P3
Protection of hands – material of gloves	PVC gloves - recommended material thickness: ≥ 1.1 mm. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
Eye Protection	Chemical goggles must be worn during all handling operations.
Body Protection	Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	Liquid
Colour	Yellow
Odour	Characteristic
Change in condition	
Boiling point/Boiling range	Decomposes before boiling
Pour Point	<-35°C
Flash point (COC)	>250°C (ASTM D6450)
Ignition temperature	>370°C
Self-igniting	Product is not self-igniting.
Danger of explosion	Product does not present an explosion hazard.
Vapour Pressure	Negligible vapour pressure at ambient conditions
Density at 20°C	1.046 g/cm ³ (typical)

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Solubility in / Miscibility with water Partially soluble

Viscosity Kinematic at 40°C 100 mm²/s (typical)

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided Stable under normal conditions.
Can decompose slowly with localised heating above 150°C.

Dangerous reactions Reacts with strong acids and oxidising agents.
Toxic fumes may be released if heated above the decomposition point.

Dangerous Decomposition Products Carbon monoxide and carbon dioxide.
Aldehyde.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Based on major component.

LD/LC values relevant for classification Oral LD₅₀ (rat) : >5000 mg/kg
Dermal LD₅₀ (rabbit) : >5000 mg/kg

Primary irritant effect

On the skin Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

On the eye May cause slight transient irritation.

Sensitisation No sensitising effects known.

Additional toxicological information Swallowing may have the following effects:
Irritation of mouth, throat and respiratory tract.
Vomiting.
Diarrhoea.
Exposure to vapour at high concentrations may have the following effects:
irritation of nose, throat and respiratory tract.
Low volatility makes acute effects unlikely at ambient temperatures.
Repeated exposure to aerosols may result in lung damage.

12. ECOLOGICAL INFORMATION

Behaviour in environmental systems

Other information BOD₂₀ =< 5% ThOD.

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Ecotoxicological effects
Aquatic toxicity The product is rated as non-hazardous to aquatic species (based on major component).

General Notes Water hazard class 1 (German Regulations): slightly hazardous for water.
Do not allow product to reach ground water, watercourse or sewage system.

13. DISPOSAL CONSIDERATIONS

Product Recommendation Dispose of in accordance with all applicable local and national regulations. Incineration is the recommended method of disposal. Must not be disposed together with household rubbish. Do not allow product to reach sewage system.

Uncleaned packaging Recommendation Labels should not be removed from containers until they have been cleaned. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Disposal must be in accordance with local regulations.

Recommended cleansing agents Water – with cleansing agents if required.

14. TRANSPORT INFORMATION

Transport/Additional information Not classified as dangerous for transport.

15. REGULATORY INFORMATION

Labelling according to EU guidelines The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

National Regulations: All components listed

USA – TSCA
Australia – AICS
Canada – DSL
Korea
Philippines – PICCS
China

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16. OTHER INFORMATION

SDS Distribution

The information in this document should be made available to all who may handle the product.

SDS Preparation

This Safety Data Sheet has been prepared in accordance with the requirements of the Data Sheet Directive 91/155/EEC and the amendments 93/112/EC and 2001/58/EC.

The information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the result of its use. This information is furnished upon condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.