

Infosafe No™ 5GFA3 Issue Date : October 2020 Status : ISSUED

Product Name **POE 68 oil (Polyolester) spray lubricant**

Classified as hazardous

1. Identification

GHS Product Identifier POE 68 oil (Polyolester) spray lubricant

Product Code EPE68S

Company Name SuperCool Asia Pacific Pty Ltd (ABN 71 011 044 385)

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QLD AUSTRALIA

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Recommended use of the chemical and restrictions on use POE 68 oil (Polyolester) spray lubricant, 300g (Refridgerant Grade Spray Lube)

2. Hazard Identification


GHS classification of the substance/mixture Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Flammable Aerosol: Category 1

Signal Word (s) DANGER

Hazard Statement (s) Extremely flammable aerosol.
Pressurized container: may burst if heated.

Precautionary statement – General If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Pictogram (s) Flame



Precautionary statement – Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Wash contaminated skin thoroughly after handling.

Precautionary statement – Response Call a POISON CENTER or doctor/physician if you feel unwell.
Specific treatment (see First Aid (Section 4) of this SDS. on this label).
Use dry chemical, foam or carbon dioxide for extinction.

Precautionary statement – Storage Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary statement – Disposal Dispose of contents/container to comply with local, regional, national and international regulations. .

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Polyol Ester Oil (Mixed Fatty Acid Dipentaerythritol ester)	NA	<80 %
	Propane	74-98-6	10-<30 %
	Butane	106-97-8	10-<30 %

4. First-aid measures

Inhalation Remove person from exposure and avoid becoming a casualty. Eliminate all

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	ignition sources if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Ingestion	Seek immediate medical assistance. Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious person. If vomiting occurs give further water. Immediately call a POISON CENTRE or doctor.
Skin	If skin or hair contact occurs, remove all contaminated clothing and flush skin and hair with plenty of lukewarm running water for a duration of 15 - 20 minutes. Avoid direct contact. If swelling, redness, blistering or irritation occurs seek medical assistance. For freeze burns, immediately flood burnt area with plenty of warm water (40 - 44 °C) and cover with a clean, dry dressing. Seek immediate medical assistance. Wash contaminated clothing before reuse or discard.
Eye contact	If in eyes wash out immediately with lukewarm, gently flowing water for several minutes while holding eyelids open. In all cases of eye contamination it is a sensible precaution to seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15 - 20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists, seek medical attention.
Advice to Doctor	Treat symptomatically.

5. Fire-fighting measures

Fire Fighting Measures	Isolate immediate hazard area and evacuate unauthorised personnel. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Prevent contaminated extinguishing water to enter the soil, ground water or surface waters. Large fire: Dike fire-control water for later disposal; do not scatter material. Heating can cause expansion or decomposition leading to violent rupture of containers. Use shielding to protect against bursting containers. Stop the flow of gas and use water spray to disperse vapours. Small fire: Damaged containers should be handled only by specialists.
Suitable extinguishing media	Use caution when applying carbon dioxide in confined spaces. Small fire: dry chemical foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Large fire: water spray, fog or alcohol-resistant foam. For chlorosalines: Do not use water. Use AFFF alcohol-resistant, medium-expansion foam.
Hazards from Combustion Products	Flammable gas. Heating can cause expansion or decomposition leading to violent rupture of containers. Ruptured cylinders make rocket. Vapours may travel to source of ignition and flashback. May form an ignitable vapour/air mixture in closed tanks or containers. Run-off may create fire or explosion hazard. Flameproof equipment necessary in areas where this chemical is being used. Nearby equipment must be earthed. May form flammable vapour mixtures with air. Cylinders exposed to fire may vent and release toxic gas through pressure relief devices. On burning or decomposing, may emit toxic fumes. Electrical requirements for work area should be assessed. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke.
Special Protective Equipment for fire fighters	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA). Wear positive pressure, self-contained breathing apparatus (SCBA) and full turnout gear. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

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6. Accidental release measures

Emergency Procedures	Eliminate all ignition sources. No smoking, sparks or flames in immediate area. Evacuate personnel and isolate hazard area. Do not walk through spilled material. Stay upwind of spill. Ventilate closed spaces before entering. A vapour-suppressing foam may be used to reduce vapours.
Spills & Disposal	Small spills: Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. Large spills: If the incident is significant seek immediate assistance from local fire authorities and police. If safe, cut off source of leak. Cut off all ignition sources and evacuate all non-essential personnel from the area. If possible, monitor the vapour concentration until dissipated. If possible, absorb with vermiculite, dry sand, earth or similar inert material and deposit in sealed containers for disposal. Use clean, non-sparking tools to collect absorbed material. If possible, ventilate the area after clean-up.
Personal Precautions	Do NOT breathe gas, vapour or mists. Avoid contact with skin, eyes and clothing. Do NOT touch damaged containers or spilled materials unless wearing appropriate protective clothing.
Personal Protection	Wear chemical protective clothing and positive pressure, self-contained breathing apparatus (SCBA).
Environmental Precautions	Prevent from entering drains, waterways or sewers. Stop spill is safe to do so. Use sand, earth or other appropriate barriers to prevent contamination of drains, waterways or sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Suppress aerosol with water spray jet. Neutralisation may be required before discharging sewage into treatment plants. Dike far ahead of liquid spill for later disposal.

7. Handling and storage

Precautions for Safe Handling	Avoid prolonged or repeated contact with skin, eyes and clothing . Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet Remove contaminated clothing and protective equipment before entering eating areas. Do not breathe vapours, mists or aerosols. This product is not intended for human or animal consumption. Eyewash stations and showers should be available in areas where this material is used and stored.
Conditions for safe storage, including any incompatibilities	Store in dry, well-ventilated, cool areas, out of direct sunlight and away from incompatible materials and sources of heat. Never use plastic or glass containers for storing flammable liquids. This material is classified as a Dangerous Good Class 2.1 Flammable Gas as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations. Provide secondary containment for toxic materials. Store gas cylinders separately, away from processing and handling areas and from incompatible materials. Eliminate all sources of ignition. Protect containers against banging or other physical damage when storing, transferring or using. Keep containers securely sealed when not in use. Store at temperatures above their respective freezing/melting point. Do not expose to temperatures exceeding 50C. Empty containers may retain residue and may be dangerous.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure standard has been established for this product. Butane: TWA 1,900 mg/m ³ ; 800 ppm. Propane: TWA 1,800 mg/m ³ ; 1,000 ppm, As published by Safe Work Australia.
Appropriate engineering controls	Use only with adequate ventilation to control air contaminants. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Natural ventilation should be adequate under normal use conditions.
Respiratory Protection	If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

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Eye Protection	Safety glasses, goggles or faceshield as appropriate.
Hand Protection	Chemically resistant gloves.
Personal Protective Equipment	OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES. Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from polyvinyl chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. If risk of inhalation of exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Body Protection	Overalls or similar protective apparel.
Hygiene Measures	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Form	Aerosol
Appearance	Colourless liquid
Odour	Characteristic of oils
Melting Point	Data not available
Boiling Point	Data not available
Solubility in Water	Data not available
Specific Gravity	0.96 - 0.98
pH	Data not available
Vapour Density (Air=1)	8.10 lb/gal
Volatile Component	97.93%
Auto-Ignition Temperature	Data not available

10. Stability and reactivity

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Heat, direct sunlight, open flames or other sources of ignition.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	No data available
Ingestion	No data available
Inhalation	Material may be an irritant to mucous membranes and respiratory tract. An asphyxiant; exposure to high concentrations can cause suffocation.
Skin	Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Liquid splashes or spray may cause freeze burns.

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Eye May be an eye irritant. Liquid splashes or spray may cause freeze burns to the eye.

12. Ecological information

Ecological Information Keep product out of sewers and waterways.

Persistence and degradability Butane: readily biodegradable

Mobility No data available

Bioaccumulative Potential No data available

13. Disposal considerations

Disposal Considerations Dispose of waste according to federal, EPA, state and local regulations. Empty containers retain product residue, which may exhibit hazards of the material. Therefore do not pressurise, pierce, cut, glaze, weld or burn, even when empty. Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see 'Section 8. Exposure Controls and Personal Protection' of this SDS. If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

14. Transport information

Transport Information Dangerous Goods of Class 2.1 Flammable Gases, or with a subsidiary risk of 2.1, are incompatible in a placard load with any of the following: - Class 1, Class 3, if both the Class 2.1 and Class 3 dangerous goods are in bulk, Class 4, Class 5, and Class 7.

U.N. Number 1950

UN proper shipping name AEROSOLS

Transport hazard class(es) 2.1

EPG Number 2D1

IERG Number 49

Other Information MARINE TRANSPORT
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
UN No: 1950
Dangerous Goods Class: 2.1
Packing Group: Not allocated
Proper Shipping Name: AEROSOLS
AIR TRANSPORT
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
UN No: 1950
Dangerous Goods Class: 2.1
Packing Group: Not allocated
Proper Shipping Name: AEROSOLS

15. Regulatory information

Poisons Schedule Not Scheduled

AICS (Australia) All ingredients listed.

Other Information This material is not subject to the following international agreements:
Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)

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International Convention for the Prevention of Pollution from Ships (MARPOL)

16. Other Information

Literature References	Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Globally Harmonised System of classification and labelling of chemicals. Raw material supplier SDS.
Other Information	<p>Issue: 1</p> <p>Reason for revision: New product</p> <p>DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.</p> <p>This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since SuperCool Asia Pacific Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.</p> <p>If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.</p> <p>...End Of MSDS...</p>

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