

Infosafe No™ VARVV	Issue Date : May 2024	ISSUED by MILESTON
Product Name HOOK SHIELD		

Section 1 - Identification

Product Identifier	HOOK SHIELD
Company Name	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
Address	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
Telephone/Fax Number	Tel: (03) 9450 4555 Fax: (03) 9457 5518
Emergency Phone Number	(03) 9450 4555 Mon-Fri 8am - 6pm
Recommended use of the chemical and restrictions on use	USED TO COAT CAST IRON HOOKS TO PROTECT FROM RUSTING IN THE MEAT INDUSTRY.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Aspiration hazard: Category 1 Flammable liquids: Category 3 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3 Skin corrosion/irritation: Category 2
Signal Word	DANGER
Hazard Statement (s)	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H412 Harmful to aquatic life with long lasting effects.
Pictogram (s)	Health hazard, Flame, Exclamation mark



Precautionary Statement – Prevention	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P243 Take action to prevent static discharges. P264 Wash thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Precautionary Statement – Response	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use to extinguish.
Precautionary Statement – Storage	P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
Precautionary Statement – Disposal	P501 Dispose of contents/container in accordance with local regulations.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Petroleum hydrocarbon	8052-41-3	60-90 %
	White Oil BP85	8042-47-5	10-30 %

Infosafe No™ VARVV	Issue Date : May 2024	ISSUED by MILESTON
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Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Other ingredients determined not to be hazardous	Not required	to 100%

Section 4 - First Aid Measures

Inhalation	Remove to fresh air. If rapid recovery does not follow, get medical aid.
Ingestion	If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before re-use.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists, see a doctor.
First Aid Facilities	Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.
Advice to Doctor	Product is a mixture of hydrocarbons. If swallowed, vomiting should not have been induced because of risk of aspiration of hydrocarbon froth into the lungs. Irritating to skin and eyes. Concentrated vapours may be narcotic. Inhalation over-exposure may lead to pulmonary oedema. Contact Poisons Information Centre.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Foam, water spray or fog. Dry chemical powder or carbon dioxide for small fires only. Do not use water in a jet.
Hazards from Combustion Products	Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.
Specific Hazards Arising from the Chemical	Flammable liquid, flash point 47°C. Vapour/air mixture may be flammable. Vapour heavier than air, risk of remote ignition. Spray/mist will be more flammable than the liquid. Contact with strong oxidising agents may cause fire.
Hazchem Code	3Y

Section 6 - Accidental Release Measures

Methods and materials for containment and cleaning up	For small spills (<1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.
Spills & Disposal	Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Remove all sources of ignition in the surrounding area. Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Section 7 - Handling and Storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing vapours. Keep away from naked flames and other sources of ignition.
Conditions for safe storage, including any incompatibilities	Avoid contact with skin, eyes and clothing. Avoid breathing vapours. Wash thoroughly after handling. Handle and open container with care in well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near aerosols, flammables, strong oxidants and corrosives.

Infosafe No™ VARVV	Issue Date : May 2024	ISSUED by MILESTON
--------------------	-----------------------	--------------------

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Product Transfer Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Remove any ignition sources and avoid sparks and any other sources of heat.

Section 8 - Exposure Controls and Personal Protection

Exposure Control Measures In the absence of occupational exposure standards for this product, it is recommended that the following be adopted: 150-200, HSPA 350mg/m3 TWA (8hr).

Engineering Controls Use only flame proof equipment. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.

Respiratory Protection If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65 Deg C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Personal Protective Equipment Avoid contact with the skin and eyes. Avoid breathing the vapour or spray/mist. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Normal Use:

Eye/face protection

Gloves, rubber or plastic.

Industrial Quantities:

Face shield or safety glasses

Gloves, rubber or plastic

Plastic apron, sleeves and boots

Impervious overalls.

Always maintain a high level of personal hygiene when using this product.

That is wash hands before eating, drinking, smoking or using the toilet.

Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	Clear colourless liquid
Odour	Characteristic hydrocarbon smell.
Boiling Point	145-200 °C.
Solubility in Water	Not soluble
Specific Gravity	0.8
pH	Not applicable.
Vapour Pressure	Not applicable
Evaporation Rate	No data
Flash Point	47 °C
Flammability	Combustible liquid, flash point 47 °C. Keep away from oxidizing materials.
Auto-ignition Temperature	No data
Flammable Limits - Upper	No data

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Possibility of Hazardous Reactions	Do not mix with bleaches, acids, or other cleaning solutions.
Conditions to Avoid	Heat, direct sunlight, open flames or other sources of ignition.

Infosafe No™ VARVV	Issue Date : May 2024	ISSUED by MILESTON
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Incompatible Materials	Strong alkali, acids, oxidising agents.
Hazardous Decomposition Products	Emits smoke and fumes when heated to decomposition.

Section 11 - Toxicological Information

Acute Toxicity - Oral	No data.
Ingestion	Harmful if swallowed. Risk of aspiration of hydrocarbon froth into the lungs. Likely to cause gastric upset, nausea, vomiting and diarrhoea. May cause central nervous system depression, characterised by excitement, then headache, dizziness, drowsiness and nausea. Advanced intoxication may cause collapse, loss of consciousness, coma, possible death from respiratory collapse.
Inhalation	Inhalation of vapours may cause central nervous system effects, including headache, dizziness, drowsiness, nausea, unconsciousness and coma. Aspiration of even quite small quantities of hydrocarbons into the lungs may cause serious lung damage, pneumonitis (inflammation of lung tissues) and pulmonary oedema (fluid build-up in the lungs) which may become a medical emergency. Onset of symptoms may be delayed.
Skin	May be irritating to skin. Will have a degreasing effect on the skin. May cause redness, irritation, dryness cracking and inflammation. May cause cyanosis of the extremities.
Eye	Irritating to eyes. May cause chemical conjunctivitis and corneal damage.
Chronic Effects	Repeated or prolonged skin contact may cause dermatitis. Over-exposure to hydrocarbons may cause liver and kidney damage.

Section 12 - Ecological Information

Ecotoxicity	Harmful to aquatic organisms.
Persistence and Degradability	No data.
Mobility	Floats on water. Readily transported by running water. May slowly evaporate to atmosphere.
Other Adverse Effects	Pollutant in natural waters.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
Product Disposal	Avoid disposal to sewer, natural waters or the environment.
Special Precautions for Incineration or Landfill	High temperature incineration. Unsuitable for landfill.

Section 14 - Transport Information

Transport Information	Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.
ADG UN Number	1268
ADG Proper Shipping Name	PETROLEUM PRODUCTS, N.O.S.
ADG Transport Hazard Class	3

Infosafe No™ VARVV Issue Date : May 2024 ISSUED by MILESTON

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ADG Packing Group III
Hazchem Code 3Y
EPG Number 3A1
IERG Number 14

Section 15 - Regulatory Information

Poisons Schedule S5
Australia (AICS/AIIC) All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation 29/05/2024

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 GHS7

Signature of Preparer/Data Service Technical manager Tel: (03) 9450 4555

Technical Contact Numbers Emergency Advice All Hours:
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs

Other Information 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. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
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