

SAFETY DATA SHEET

TECLUBE : RUST PREVENTATIVE AND LUBRICANT

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name TECLUBE
Product Code 129
Product Use Short term rust preventative and lubricant for meathooks.
Company Name Byre Chemicals
Address 3/43 Byre Avenue
 Somerton Park SA 5044
Telephone 08 8350 9228
Fax 08 8350 9334
Emergency phone no. 0412 426 697
Email info@byrechemicals.com.au

2. HAZARDS IDENTIFICATION

Hazardous chemical according to classification Safe Work Australia.
Dangerous goods according to the Aust. Code for the transport of Dangerous Goods by Road or Rail
Signal Word DANGER
GHS Classification H226 Flammable liquid and vapour Category 3
 H304 May be fatal if swallowed and enters airways Category 1
 H315 Causes skin irritation Category 2
 H319 Causes serious eye irritation Category 2A
 H412 Harmful to aquatic life with long lasting effects Category 3
Precautionary Statement
 Keep away from heat/sparks/open flames/hot surfaces. NO SMOKING.
 Use only non sparking tools
 Avoid contact with skin and eyes
 Wear eye protection and rubber gloves
 Avoid inhaling mists
 If swallowed DO NOT induce vomiting. Give water or milk. Seek immediate medical help.
 Splashes on skin to be washed off immediately
 If splashed into eyes, remove contact lenses if present and wash with clean running water for 15 minutes. Seek medical attention immediately.
 Keep containers tightly closed and store in a lock-up facility.

Pictograms



3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS.NO.	PROPORTION
Low aromatic white spirits	64742-82-1	60 - 100 %
Paraffin oil	8012-95-1	1 - 10 %
Surfactant	blend	1 - 10 %
Non hazardous ingredients		1 - 10 %

BYRE CHEMICALS

TECLUBE : RUST PREVENTATIVE AND LUBRICANT

4. FIRST-AID MEASURES

INHALATION	Avoid generating mists. Remove casualty from contaminated area
INGESTION	If swallowed Do Not induce vomiting. Give water or a glass of milk. If breathing has stopped, give artificial respiration. Transport to hospital.
SKIN	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before re-use. If irritation persists, seek medical advice.
EYE	If in eyes, hold eyelids apart and flood the eye continuously with water for at least 15 minutes. Seek medical attention
FIRST AID	Eye wash. Safety shower , hand wash basin
ADVICE TO DOCTOR	Treat symptomatically

5. FIREFIGHTING MEASURES

Extinguishing Media	Foam, water spray or fog , dry chemical powder or carbon dioxide.
Hazards from Combustion	Carbon monoxide may be evolved if incomplete combustion occurs. Vapour is heavier than air, can spread along ground and distant ignition is possible
Precaution for Firefighters	Wear chemical suit and self-contained breathing apparatus. Prevent run off from entering drains and waterways. HAZCHEM CODE 3Y

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE

Evacuate all unauthorised personnel. Isolate hazard area. Avoid contact with spilled or released material. Remove all sources of ignition to the surrounding area. Take precautionary measures against static discharge. Do not breathe fumes or handle damaged containers
For all spills absorb onto an inert material such as dirt or sand. The collected material should then be transferred into suitable containers , labelled and disposed of in an appropriate way.
Dispose of waste according to applicable local and national regulations

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Flammable product. Wear appropriate protective clothing
Avoid inhalation of vapours and mists and skin or eye contact. Use only in a well ventilated area. NO SMOKING . Keep containers sealed when not in use. Prevent the build up of mists and vapours in the work atmosphere. Do not use near ignition sources, cut, heat containers as they may produce hazardous fumes. Maintain high standards of personal hygiene ie washing hands prior to eating, drinking, smoking or using toilet facilities

CONDITIONS FOR SAFE STORAGE

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents , strong acids, peroxides, foodstuffs and clothing. Large quantities should be stored in a bunded dangerous goods store. Store in original containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	Mineral Spirits 150-200 HSPA 350mg/m ³ TWA (8hr.)
Engineering Controls	This substance is hazardous. Ensure adequate ventilation is provided Avoid generating and inhaling mists. Maintain air concentrations below recommended exposure standards.
Eye Protection	Safety glasses with side shields should be used.
Hand Protection	Wear gloves of impervious material such as neoprene, or nitrile rubber.
Hygiene Measures	Avoid contact with skin, eyes and clothing Wash hands after handling product. Keep away from foodstuffs.
Skin & Body Protection	Wear rubber apron

BYRE CHEMICALS

TEC LUBE : RUST PREVENTATIVE AND LUBRICANT**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Dark brown mobile liquid. Hazy appearance in cold conditions.
Odour	Paraffinic
pH	Not applicable
Boiling Point	Above 140C
Vapour Pressure	0.37
Vapour Density	4.80
Flash Point	42C (Abel)
Specific Gravity	0.80
Auto Ignition Temp	Typical 290C
Solubility in Water	Forms emulsion with water

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions of use.
Chemical Stability	Stable under normal conditions of storage and handling
Conditions to avoid	Excess heat ,sparks, open flames and other ignition sources.
Incompatible materials	Strong reducing agents.
Hazardous decomposition	Thermal decomposition may result in release of irritating fumes including carbon dioxide and carbon monoxide
Hazardous polymerization	Will not occur under normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity	White Spirit LD50 Oral (Rat) greater than 2000 mgm/kg LD50 Dermal (Rabbit) greater than 2000 mgm/kg
Ingestion	Harmful if swallowed. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
Eyes	Mild irritant
Skin	Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.
Carcinogenic	No evidence of carcinogenic properties
Reproductive toxicity	Not expected to impair fertility
Specific target Toxicity	Central Nervous System-repeated exposure affects the nervous system Effects seen only at continued high doses
Chronic Effects	Repeated or prolonged skin contact may cause chronic dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Fish, algae, microorganisms Expected to be harmful
Chronic toxicity	Data not available
Persistence/Degradability	Readily biodegradable. Oxidises by photo-chemical reactions in air.
Mobility	Dispersion formed with water
Bioaccumulative Potential	Has the potential to bio accumulate
Environmental	Do not discharge into drains, sewers, waterways.

13. DISPOSAL CONSIDERATIONS

Spills & Disposal	For spillages ,liquid should be contained using sand or earth and then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and for flammable materials, shut off all possible sources of ignition.
Disposal	Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State

TECLUBE : RUST PREVENTATIVE AND LUBRICANT**14. TRANSPORT INFORMATION**

Proper Shipping Name	FLAMMABLE LIQUID N.O.S.
UN.NO.	1993
Packaging Group	111
Hazchem Code	3Y
DG Class	3

15. REGULATORY INFORMATION**Regulatory Information**

	Classified as hazardous according to criteria of NOHSC Poisons Schedule S5
Hazard Category	Flammable liquid
Risk Statement	Irritant.
Safety Statement	Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Wear suitable gloves and eye/face protection. In case of accident or if unwell, contact a doctor or Poisons Information Centre immediately.

16. OTHER INFORMATION

Preparer Signature	Technical Director
Contact	Telephone: 08 8350 9228 24 hour emergency number 0412 426 697

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