

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	MET-L-GARD ULTRATHIN 90
Use of substance	Rust Preventive Oil
Manufacturer/Supplier	ITW Chemin, ITW India Private Limited
Address	Plot No: 34-37, Phase- 2, IDA, TSIIC, Pashammylaram, Sangareddy 502307, INDIA
Phone Number	+91 8455 224700/01
Fax Number	+91 8455 224705
Emergency Cell Number	+919000031515
Restriction on use	Not applicable
E-Mail	chemininfo@itwchemin.com
Website	www.itwchemin.com

2. HAZARD IDENTIFICATION

Hazard statements: H315: Causes skin irritation.
H319: Causes serious eye irritation
H226: Flammable liquid and vapor.

Hazard Pictogram: GHS07: Exclamation mark
GHS02: Flame



Signal Word: Warning

Precautionary statements: P102: Keep out of reach of children
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
P240: Ground/Bond container and receiving equipment.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call if you feel unwell.
P403+233: Store in a well-ventilated place. Keep container tightly closed.

Other Hazards: This product is not identified as a PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON THE COMPONENTS

No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration
Mineral solvent	8006-64-2	80-90 %
Light naphthenic, chemically neutralized oil	64742-52-5	5-15%
Sulphonate derivatives	-----	5-15 %
Butyl Carbitol	112-34-5	0.1 -1.0%

4. FIRST AID MEASURES

4.1: First aid measures

4.2: Symptoms

Eye contact	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.	May be Mild irritation at the site of contact
Skin contact	Wash skin with soap and water. Apply a reconditioning skin cream	May be Irritation and redness
Ingestion	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.	May be irritation of throat
Inhalation	Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration .Call for prompt medical attention.	May be coughing and sore throat.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Specific hazards arising from the chemical	This product may give rise to hazardous fumes in a fire.
Advice for fire-fighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Unsuitable Extinguishing Media Do not use water jet

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Material can create slippery conditions underfoot.

Environmental Precautions Try to prevent the material from entering drains or rivers.

Methods and material for containment and cleaning up Contain and absorb using, sand or other inert material. Transfer into suitable containers for recovery or disposal. Flush area with water.

7. HANDLING AND STORAGE

Handling Keep away from heat, sparks and Flame.

Storage Store in well – ventilated area and in accordance with local regulations regarding flammable liquid.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters DNEL / PNEC No data available.

Engineering Control Measures Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Individual protection measures, such as personal protective equipment

Respiratory Protection Respiratory protection not normally required. If operating conditions create air borne Concentrations that are exceeding the exposure standards, the use of an approved Respirator is recommended.

Hand Protection Avoid contact with skin or clothing. Wearing impervious protective clothing including gloves can minimize skin contact. Protective clothing made from neoprene, nitrile or n- butyl rubber is suitable in these applications.

Eye Protection Avoid eye contact. Chemical safety goggles if there is a risk of eye contact.

Body Protection Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.).	Amber Liquid
Odor	Mild Odor
Viscosity	Mobile liquid at ambient temperatures 1-3 CST @37.8°C
Initial boiling point and boiling range.	Not available
Flash point.	40±2°C
Evaporation rate.	<1
Vapor pressure.	<1
Vapor density.	>1
Relative density.	0.780-0.820 kg/L
Solubility(ies).	Not Miscible in water
Auto ignition temperature.	Not Available
NOTE:	The above data are typical values and cannot be inferred as specifications

10. STABILITY AND REACTIVITY

Reactivity	Stable under recommended transport or storage conditions
Chemical stability	Stable under normal condition
Possibility of Hazardous reaction	NA
Condition to avoid	High temperature
Incompatible material	Strong oxidizing agents. Strong acids
Hazardous Decomposition Products	carbon monoxide, carbon dioxide, aldehydes and ketones may be formed

11. TOXICOLOGICAL INFORMATION

Routes of exposure

Refer to section 4 of SDS for routes of exposure and corresponding symptoms

12. ECOLOGICAL INFORMATION

Eco toxicity

No data available

persistence and degradability

The product is expected to be partially or slowly biodegradable

Bio accumulative potential

No data available

Mobility in soil.

This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems, and all bodies of water.

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Other adverse effects

13. DISPOSAL

Product Disposal

Place contaminated materials in disposable containers and. Dispose of in accordance with all applicable local and national regulations.

Container Disposal

Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers.

14. TRANSPORT INFORMATION

UN number

1993

UN proper shipping name	Shipping name: "Flammable liquid"
Transport hazard class(es)	3
Packing group	3
Environmental hazards	Environmentally Hazard: No Marine Pollutant: No
Special precautions for user	

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	Flammable
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Chemical Safety Assessment	None
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Note The regulatory information given above only indicates the principle 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. Refer to all applicable national and local regulations or provisions.

16. OTHER INFORMATION

Product Use	For industrial use, only. Rust Preventive Oil
SDS first issued	Apr 2017
SDS Revised on/Ver#	Aug'18/03

Legal disclaimer	The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.
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