

SAFETY DATASHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	MET-L-COOL WS 600N (M)
Use of substance	Water miscible metal working fluid
Manufacturer/Supplier	ITW Chemin, ITW INDIA PRIVATELIMITED
Address	Plot No: 34-37, Phase- 2, IDA, TSIIIC, Pashammylaram, Sangareddy, 502307, INDIA
Phone Number	+91 8455 224700/01
Fax Number	+91 8455 224705
Emergency Cell Number	+919000031515
E-Mail	chemininfo@itwchemin.com
Website	www.itwchemin.com

2. HAZARD IDENTIFICATION

GHS label Element:

Hazard statements: H319: Causes serious eye irritation
H315: Causes skin irritation.

Hazard Pictogram: GHS07: Exclamation mark



Signal Word: Warning

Precautionary statements:

P102: Keep out of reach of children
P240: Ground/Bond container and receiving equipment.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
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

<u>Component Name</u>	<u>CAS#</u>	<u>Concentration</u>
Light naphthenic, chemically neutralized oil	64742-52-5	70-90%
Amphoteric surfactant blend	90170-43-7	10-15%

4. FIRST AID MEASURES

4.1: First aid measures

4.2: Symptoms

Eye contact	Wash immediately with plenty of soap and water	Bathe the eye with running water for 15 minutes. Consult a doctor
Skin contact	Bathe the eye with running water for 15 minutes. Consult a doctor	Wash immediately with plenty of soap and water
Ingestion	Wash out mouth with water	Wash out mouth with water
Inhalation	Remove causality from exposure ensuring one's own safety whilst doing so.	Remove causality from exposure ensuring one's own safety whilst doing so.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Specific hazards arising from the chemical	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
Advice for fire-fighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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	Use only at the dilution specified. See label or technical data sheet.
Storage	Storage temperature should be controlled to between 5 and 40 °C.

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.
Hand Protection	Concentrated product - PVC or rubber gloves. Diluted product - Use a good quality barrier cream.
Eye Protection	Chemical 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 color Liquid
Odor	Mild odor
Odor threshold.	Not Applicable
pH	10.0±0.5 at 5.0 % volume in water. (Typical)
Melting Point/Freezing point	Not Applicable
initial boiling point and boiling range.	Boils above 100°C
flash point.	Exceed 100°C
evaporation rate.	Not Applicable
flammability (solid, gas).	Not Applicable
upper/lower flammability or explosive limits.	Not Applicable

vapor pressure.	Not Applicable
vapor density.	Not Applicable
relative density.	0.880-0.920 Kg/L
solubility(ies).	Not Applicable
partition coefficient: n-octanol/water.	Not Applicable
auto ignition temperature.	Above 200°C
decomposition temperature.	Not Applicable

NOTE: The above data are typical values and cannot be inferred as specifications

10. STABILITY AND REACTIVITY

10.1	Reactivity	Stable under recommended transport or storage conditions
10.2	Chemical stability	Stable under normal condition
10.3	Possibility of Hazardous reaction	Hazardous reaction not occur under normal transport or storage condition
10.4	Condition to avoid	High temperature
10.5	Incompatible material	Strong oxidizing agents. Strong reducing agents.
10.6	Hazardous Decomposition Products	After evaporation of water, combustion will generate: oxides of nitrogen, ammonia smoke, possibly thick and choking, resulting in zero visibility.

11. TOXICOLOGICAL INFORMATION

11.1	Routes of exposure	Refer to section 4 of SDS for routes of exposure and corresponding symptoms
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12. ECOLOGICAL INFORMATION

12.1	Eco toxicity	No data available
12.2	persistence and degradability	The product is expected to be partially or slowly biodegradable.
12.3	Bio accumulative potential	No bioaccumulation potential.
12.4	Mobility in soil.	The product will leach into soil. The product is non- volatile and water- soluble and will partition to the aqueous phase.
12.5	Other adverse effects

13. DISPOSAL

- 13.1 **Product Disposal** Incineration. 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

- 14.1 **UN number** Not classified
- 14.2 **UN proper shipping name** Shipping name: " NOT SUBJECT TO ADR"
- 14.3 **Transport hazard class(es)** UN no: -
- 14.4 **Packing group** Not classified
- 14.5 **Environmental hazards** Environmentally Hazard : No
Marine Pollutant : No
- 14.6 **Special precautions for user**

15. REGULATORY INFORMATION

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture** No significant Hazard
- 15.2 **Chemical Safety Assessment** None

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. Metal Working Fluid
- SDS first issued** Jul-06
- SDS data revised, Ref. No.** Feb 2020
- 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.