

HICUT 6710

Material Safety Data Sheet

HICUT 6710

1. Chemical & Company Identification		
Trade Name:	HICUT 6710	
Applications:	Cutting Coolant	
Chemical Description:	Metal Processing Product (Soluble Cutting Oil)	
Supplier:	Hardcastle Petrofer Pvt Ltd, 1912,GIDC, Phansa Road, Sarigam – 396 155 Gujarat.	Hardcastle Petrofer Pvt Ltd, 165, Hatli Road, Sicop Industrial Estate, Kathua Jammu & Kashmir 184102
Emergency Calls:	0260 - 2780 377	01922 - 235879
E mail:	sarigam@hawcoindia.com	hpplkathua@gmail.com
Fax:	0260 - 2780 664	01922 - 234822

2. Composition & Ingredients:

Mineral oil, emulsifiers, anti corrosion agents and adjuvants.

Hazard Ingredients :

COMPONENTS	CAS NO.	RANGE IN %
Fatty alcohol, ethoxylated	68920-66-1	< 5.0
Fatty alcohol	68002-94-8	< 5.0

3. Hazards Identification

Warning Statements: AVOID BREATHING OIL MISTS IN EXCESS. IT MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT. MAY CAUSE EYE AND SKIN IRRITATION. CAN CAUSE LUNG INJURY IF INGESTED, INHALED AND SWALLOWED IN EXCESS. KEEP OUT OF REACH OF CHILDREN.

Eyes: May cause slight eye irritation.

Oral: No significant affects known.

Inhalation: Breathing the vapor or mist can cause respiratory irritation or discomfort. Breathing in excess of TLV may cause respiratory tract infection. Persons with chronic respiratory disease may show increased symptoms due to irritation.

Skin: It may cause slight irritation on prolonged contact.

Long Term Toxic Effects: The components used in the product are not expected to be carcinogenic, based on IARC criteria. See Section 11 for additional information.

4. First Aid Measures

Eyes: Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor.

Skin: Remove and launder contaminated clothing, including shoes. Wash skin thoroughly with soap and water. See a doctor if any signs or symptoms described in this MSDS occur.

Ingestion: Do not induce vomiting. Aspiration of the material can cause serious lung injury such as chemical pneumonia. Call a doctor immediately. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Never give anything by mouth to an unconscious person.

Inhalation: If there are signs or symptoms as described in this MSDS due to breathing this material, move the person to fresh air. If breathing has stopped, apply artificial respiration. Call a doctor.

Advice to Doctor: Gastric lavage by qualified medical personnel may be considered, depending on quantity of material ingested.

This product may present an aspiration hazard. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.

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5. Fire Fighting Measures

- Ignition Temp. (°C):** NA.
- Flammable Limits:** NA. The product is used after mixing with water.
- Flash Point (°C):** NA.
- Explosion Hazards:** Product does not catch fire. Normally, product is used after making an emulsion in water.
- Fire Extinguishing Agents:** Use Dry chemical, Foam, or Carbon dioxide. If a leak or spill has not ignited, use water spray to disperse the vapours and to provide protection for persons attempting to stop the leak. Full body flame-resistant clothing and/or turnout gear recommended for persons attempting leak or spill control and for fire fighting.

6. Accidental Release Measures

- In Case of Spill:** Stop the source of the leak or release and contain spill if possible. Ventilate area. Use respirator and protective clothing as discussed in this MSDS. Cover spill with a generous amount of inert absorbent. Use a stiff broom to mix thoroughly. Sweep up and place in a disposable container. Scrub contaminated area with detergent and water using a stiff broom. Pick up liquid with additional absorbent and place in a disposable container. Prevent contamination of groundwater or surface water.

7. Handling & Storage

- Storage:** Keep away from heat, sparks, and flame. Keep containers tightly closed. Handle and store in well-ventilated area and in accordance with local regulations.
- Handling:** Do not drink, smoke and eat, while handling this product. Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition: they may explode and cause injury. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. Exposure Control/Personal Protection

- Eyes:** Avoid eye contact. The wearing of chemical safety goggles or face shield is recommended.
- Skin:** Avoid contact with skin or clothing. Wearing impervious protective clothing including gloves can minimize skin contact. Use of Barrier cream may help to protect the exposed areas of skin.
Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.
- Inhalation:** If operating conditions create airborne concentrations that are excessive and may exceed the exposure standard(s), the use of an approved respirator is recommended.
Wear approved respiratory protection such as an organic vapor cartridge respirator.
- Ventilation:** Use this material only in well-ventilated areas.
- Exposure Limits:** No ACGIH TLV exists for this material. Adhere to common Industrial hygiene

9. Typical Physical & Chemical Properties

NOTE: The following data may represent a range of approximate or typical values for products in the same family. Precise technical information is provided in Product Bulletins and can be obtained from our Marketing Representative.	
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Colour & Appearance (neat)	Clear Yellowish fluid
Sp. Gravity @ 30°C	0.90
pH of 5% emulsion	9.90

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10. Stability & Reactivity

Hazardous Polymerizations: DO NOT OCCUR
Products of Combustion: None in particular, in case of proper handling.
Conditions to Avoid: Strong Oxidizers such as Chlorates, Nitrates, Peroxides, etc.

11. Toxicological Information

General: This product contains petroleum base oils, which may be refined by various processes including severe solvent extraction, hydro cracking and hydro treating. These oils have not been listed in the U.S. National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as carcinogenic or probably carcinogenic to humans.

12. Ecological Information

Environmental Effects: The product is not considered harmful or toxic. However avoid discharging this product in water system or soil directly.

13. Disposal Considerations

Waste Disposal: The emulsion is split for removal of oil. The separated Oil is skimmed off and disposed as per the regulations laid down for oil. The remaining part of the emulsion is treated to remove dissolved salts and precipitates. Remaining water is then discharged into the sewage system after taking care of the COD/ BOD values. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material. Contact your local oil spill response group and applicable government agencies if a spill occurs

Remarks: Do not allow entering drains or sewers.

14. Transport Information

Transport of Dangerous Goods:
UN Number: NA
Dangerous Goods: NA
Proper Shipping Name: Mineral Oil based Cutting Coolant.
Hazchem Code: NA
Additional Information: Transport in accordance with local regulations.

15. Regulatory Information

Respirator Information: Respirator users should follow local regulations. The product is non hazardous according to EC-Regulations. Where local approval authority is absent, respirator users can refer to U.S. NIOSH, European Standard EU-149, or joint Australia-New Zealand AS/NZS 1715/1716 for guidance.

16. Other Information

NFPA Ratings: Health: 1, Flammability: 0, Reactivity: 0

Label Hazard Warning: DANGER! MAY CAUSE EYE BURN. HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION TO SKIN AND RESPIRATORY TRACT.

The information of this MSDS is based on our present state of knowledge & on the current EEC/National laws, as users working condition is beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary steps in order to fulfill the demands laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirement for our product, it is not to be considered as a guarantee of the product properties.

Product Use: Soluble Cutting Coolant

Revision Information:

MSDS Sections(s) changed since last revision of document includes: n.a.

Information contained in this data sheet conforms to the best of our knowledge but do not represent any guarantee. No responsibility can be claimed by the customer for any damage resulting from improper use.
