Excision
Dependable Precision

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ABN - 88 083 436 031

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MATERIAL SAFETY DATA SHEET

Classified as Hazardous according to criteria of NOHSC Australia

IDENTIFICATION: XDP - 139

USES:	Industrial metal working fluid.
Product Name:	Excision 139 Spray Oil TCT ALU
Other Names:	None allocated
Manufacturer's code:	None allocated
UN Number:	N/App
Shipping Name:	Light Liquid Petroleum Hydrocarbon
Hazchem Code:	N/App
Poisons Schedule No:	S5

PHYSICAL DESCRIPTION / PROPERTIES:

Appearance:	Clear, water white liquid with a slight characteristic odour
Boiling Point:	> 290°C
Vapour Pressure:	N/Av
Specific Gravity:	0.90 @ 20°C (Typical)
Flashpoint:	>142°C (COC)
AutoIgnition Temp:	242°C
Flamm. Limit LEL:	N/Av
Flamm. Limit UEL:	N/Av
Solubility in Water:	Insoluble.

OTHER PROPERTIES:

Viscosity:	12 cSt @ 40°C (Typical)
Stability Hazard:	Thermally unstable but stable under normal conditions of storage and handling.
Polymerization:	Will not occur.
Materials to Avoid:	Oxidising agents.

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CHEMICAL COMPOSITION:

Ingredients / Chemicals	CAS	Proportion
Petroleum solvent	68334-30-5	> 80%
Naphthalene	91-20-3	< 10%
Other non-hazardous ingredients	Not required	< 10%

Information on Composition:

Product contains mixture of light petroleum hydrocarbons and additives, including a dialkyl polysulphide.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Acute-Swallowed: **This product is a Schedule Poison: S5.** Product is harmful if swallowed. Vomiting may cause the product to be aspirated into the lungs possibly resulting in chemical pneumonitis.

Acute- Eye: Irritation expected with stinging, blurring and tearing.

Acute- Skin: May result in mild skin irritation. In any other event seek medical assistance.

Acute- Inhaled: Inhalation of vapours or mists in confined, poorly ventilated areas or at elevated temperatures may cause respiratory system irritation or other pulmonary effects.

Chronic: No chronic effects expected with this product.

FIRST AID MEASURES:

If poisoning occurs, contact a doctor or Poisons Information Centre (Australia Phone: 13 11 26, or in New Zealand 0800 764 766).

Ingestion: **This product is a Schedule Poison: S5.** If swallowed, do NOT induce vomiting because of risk of aspiration. Contact a doctor immediately. Never give anything by mouth to an unconscious patient.

Eye: If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding the eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.

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Skin: Remove all contaminated clothing. Wash skin gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops and persists, seek medical attention.

Inhalation: If affected, remove victim from exposure – avoid becoming a casualty. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. Keep at rest until fully recovered. Seek medical advice if effects persist.

Advice to Doctor: Treat Symptomatically.

EXPOSURE CONTROLS / PERSONAL PROTECTION

PRECAUTIONS FOR USE:

Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia). However, exposure standards for oil mist are listed below:

SUBSTANCE	TWA (8 hr)		STEL (15 min)	
	ppm	mg/m3	ppm	mg/m3
Oil mist, mineral		5		10

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as a fine dividing line between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Biological Limits: As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit allocated.

Engineer' Controls: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation or while wearing appropriate respirator. Keep containers closed when not in use.

PERSONAL PROTECTION:

Respirator Type: Type (AS 1716) Where vapours, mists or spray is generated and risk of inhalation exists, select and use approved respirators with organic vapour/particulate filters in accordance with AS/'NZS

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1715/1716. Filter capacity and respiratory type depends on exposure levels for each individual circumstance.

Eye Protection: Use safety glasses or face shield as appropriate, especially where splashing or misting is expected. Reference should be made to the Australian standard AS/NZS – Eye Protectors for Industrial Applications.

Protective Clothing: Wear overalls, safety footwear and impervious gloves, such as those made from nitrile rubber. Work clothes should be kept clean. Always wash hands before smoking, eating, drinking or using the toilet.

FLAMMABILITY:

Fire Hazards: Combustible Liquid Class - C1. Product may accumulate static charges.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

Storage Precautions: Store in a cool, dry well-ventilated area away from sources of ignition, any incompatible materials such as oxidizing agents and out of direct sunlight. Water contamination should be avoided. Keep containers closed when not in use – check regularly for leaks.

This material is a Scheduled Poison (S5) and must be stored, maintained and used in accordance with the relevant regulations.

Fire Hazard: Classified as a Class C1 Combustible Liquid for the purpose of storage and handling, in accordance with the requirements of AS1940. Refer to State Regulations for storage and transport requirements.

Transport: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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SPILLS AND DISPOSAL:

Spills and Leaks: Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container.

Do not dilute material. Prevent run-off into drains and waterways. If quantities of this material enter the waterways contact the Environmental Protection Authority or your local Waste Management Authority.

Disposal: This material may present environmental risk common to all oil spills. Dispose of according to Federal, E.P.A., State and local regulations.

FIRE FIGHTING MEASURES

FIRE / EXPLOSION HAZARD:

Fire/ Explos. Haz: Classified as a C1 (COMBUSTIBLE LIQUID). This product will burn if exposed to fire.

Haz. Combustion Products: Expect Carbon Monoxide, Carbon Dioxide, smoke and fumes. For fires involving this material, do not enter any enclosed or confined space without approved self-contained breathing apparatus (S.C.B.A.) to protect against the hazardous effects of combustion products or oxygen deficiency.

Extinguishing Media: Use water fog, dry chemical foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapours and to provide protection for persons stopping the leak.

Hazchem Code: None allocated.

Fire / Explosion Hazard Data:

Flash Point:	>142ºC (COC)
Flammability Class:	N/App
Auto Ignition Temperature:	242ºC
Flammability Limits:	LEL: N/D % UEL: N/D %
Extinguishing Agents:	CO2, dry chemical, foam.
Protective Gear:	Wear breathing apparatus.

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REGULATORY INFORMATION:

Poisons Schedule: S5.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

CONTACT POINT:

Contact: +61 (03) 55514555 Technical Officer, Excision Dependable Precision

Emergency Contact – National Poisons Information Centre 13 11 26

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace, however it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. We have no knowledge or control over the user´s working conditions. The user is responsible for the observance of all required statutory provisions. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.
