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MATERIAL SAFETY DATA SHEET


INOX-mx3

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical nature	Oil blend
Trade Name	INOX-mx3
Product Code	21-INOX, 21-INOX5, 21-INOX20
Product Use	Anti-corrosion, anti-moisture, penetrating oil
Company	NFK Glazing & Industrial Supplies
Contact phone	+61 7 3343 3377
Emergency phone Poisons Information Centre:	1800 033 111, 13 11 26 from anywhere in Australia

NFK Glazing
& Industrial Supplies


www.nfk.com.au

 28 Devlan Street,
Mansfield, QLD 4122

 07 3343 3377

 sales@nfk.com.au

 42 Tacoma Circuit,
Canning Vale, WA 6155

 08 9455 3866

 wasales@nfk.com.au

2. HAZARDS IDENTIFICATION

Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

SUSMP Classification:

None allocated.

ADG Classification:

None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number:

None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

RESPONSE

P362: Take off contaminated clothing and wash before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam.

STORAGE

P410: Protect from sunlight.

P402+P404: Store in a dry place. Store in a closed container.

P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Statement of Hazardous Nature (New Zealand)

No Group Standard applies

DG Classification:

Classified as not Dangerous Goods for transport in accordance with the Land Transport Rule Dangerous Goods 2005 and NZS 5433:2007.

EMERGENCY OVERVIEW

Physical Description & Colour: Clear light tan liquid

Odour: Mild odour.

Major Health Hazards: no significant risk factors have been found for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Ketone	secret	<6	100	not set
Other non hazardous ingredients	secret	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day.

There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

4. FIRST AID MEASURES

GENERAL INFORMATION:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation:

No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Skin Contact:

Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye Contact:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

Ingestion:

If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards:

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is little risk of an explosion from this product if commercial quantities are involved in a fire.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media:

In case of fire, use carbon dioxide, dry chemical, foam.

Fire Fighting:

When fighting fires involving significant quantities of this product, wear a fully encapsulated splash suit complete with self contained breathing apparatus.

Flammability Class:

Not flammable (GHS); C2 combustible (AS 1940).

6. ACCIDENTAL RELEASE MEASURES

Accidental release:

Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8). Otherwise, not normally necessary. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7. HANDLING AND STORAGE

Handling:

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage:

Store packages of this product in a cool place. Keep containers dry and away from water. Keep containers of this product in a well ventilated area. Keep away from sources of ignition such as sparks and open flames. Protect this product from light. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**

Protective Gloves: **AS 2161**


Occupational Protective Clothing: **AS/NZS 4501 set 2008**

Industrial Eye Protection: **AS1336 and AS/NZS 1337**

Occupational Protective Footwear: **AS/NZS2210**

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SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Ketone	100	not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation:

This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection:

Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection:

The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types:

There is no data that enables us to recommend any type except that it should be impermeable.

Respirator:

Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Otherwise, not normally necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description & colour	Clear light tan liquid
Odour	Mild odour
Boiling Point	Not available
Flash point	182°C
Upper Flammability Limit	No data
Lower Flammability Limit	<4%
Autoignition temperature	No data
Freezing/Melting Point	-18°C
Volatiles	No data
Vapour Pressure	<6 kPa
Vapour Density	No data
Specific Gravity	0.840
Water Solubility	Negligible
pH	No data
Volatility	No data
Odour Threshold	No data
Evaporation Rate	No data
Coeff Oil/water Distribution	No data
Particle Characteristics	Not applicable for liquids

10. STABILITY AND REACTIVITY

Reactivity:

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid:

This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Keep away from sources of sparks or ignition. Protect this product from light.

Incompatibilities:

Strong oxidising agents.

Fire Decomposition:

Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation:

This product will not undergo polymerisation reactions.

11. TOXICOLOGICAL INFORMATION

Local Effects:

Target Organs:

There is no data to hand indicating any particular target organs.

11.1 CLASSIFICATION OF HAZARDOUS INGREDIENTS

Ingredient	Health Hazard Statement Codes
Ketone	
	<ul style="list-style-type: none">• Flammable liquid - category 3• Acute toxicity - category 4

11.2 POTENTIAL HEALTH EFFECTS

Inhalation:

Short Term Exposure:

Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure:

No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure:

Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.

Long Term Exposure:

No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure:

This product is believed to be mildly irritating, to eyes, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure:

No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure:

Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure:

No data for health effects associated with long term ingestion.

Carcinogen Status:**SWA:**

No significant ingredient is classified as carcinogenic by SWA.

NTP:

No significant ingredient is classified as carcinogenic by NTP.

IARC:

Ketone is Class 3 - unclassifiable as to carcinogenicity to humans. See the IARC website for further details. A web address has not been provided as addresses frequently change.

12. ECOLOGICAL INFORMATION

Insufficient data to be sure of status.

13. DISPOSAL CONSIDERATIONS

Disposal:

This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

14. TRANSPORT INFORMATION

UN Number:

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

New Zealand

Classified as not Dangerous Goods for transport in accordance with the Land Transport Rule Dangerous Goods 2005 and NZS 5433:2007.

15. REGULATORY INFORMATION

Australia:

AICC: All of the significant ingredients in this formulation are compliant with AICC regulations.

New Zealand:

No Group Standard applies

16. OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature.

Acronyms.

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AIIC	Australian Inventory of Industrial Chemicals
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.


Please read all labels carefully before using product.

Australia: This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (July 2020) and GHS Revision 7

New Zealand: HSNO Approved Code of Practice: Preparation of Safety Data Sheets. New Zealand Chemical Industry Council September 2006.

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