



Material Safety Data Sheet

Product Name NOCO 700

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name TRU-BLU OIL AUSTRALIA PTY LTD
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Synonym(s) N/A

Use(s) Protection of metal components and machinery against corrosion.
SDS Date 23rd May 2012

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Risk Phrase(s)

- R10 Flammable
- R20 Harmful by inhalation
- R37 Irritation to respiratory system
- R65 Harmful: may cause lung damage if swallowed.

Safety Phrase(s)

- S16 Keep away from sources of ignition – No smoking
- S23 Do not breathe gas/fumes/vapour/spray
- S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

Medical Conditions

Generally Aggravated by Exposure Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product

Hazard Statement Codes;

- H304 May be fatal if swallowed and enters airways
- H226 Flammable liquid and vapour
- H331 Toxic if inhaled

Precautionary Statement Codes Prevention

- P102 Keep out of reach of children
- P103 Read label before use
- P104 Read Safety data sheet before use
- P210 Keep away from heat/sparks/open flames/hot surfaces. No Smoking
- P223 Keep container tightly closed
- P241 Use explosion-proof electrical/ventilating/lighting equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P261 Avoid Breathing vapours
- P271 Use only outdoors in a well-ventilated area

Response;	P101	If medical advice is needed, have product container/label at hand
	P301/310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
	P303/361/353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
	P304/340	IF INHALED: Remove to fresh and jeep at rest in a position comfortable for breathing
	P370/378	In case of fire; Use foam, dry chemical or CO2 for extinction
	P331	Do not induce Vomiting
	P280	Wear protective gloves/protective clothing/eye protection/ face protection
Storage;	P403/235	Store in well ventilated place. Keep Cool
	P405	Store locked up
Disposal;	P501	
Other Information	<p>No adverse health effects expected if the product is handled in accordance with this safety data sheet.</p> <p>ERMA Group Standard: N.S.O (Flammable, Toxic [6.1, 6.7]) Group standard 2006</p> <p>HSNO Approval Number: HSR002622</p> <p>HSNO Classification; 3.1C, 6.1C, 6.1E</p> <p>Signal Word; Warning, Danger, danger</p> <p>Hazard Picture; Flammable Liquid, Toxic, Chronic Toxic</p>	

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
Other Ingredients determined not to be hazardous	Not Available	n/a	To 100%
Aliphatic Hydrocarbon Solvent	Not Available	n/a	30- 60%

4. FIRST AID MEASURES

Eye	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. In all cases of eye contamination it is a sensible precaution to seek medical assistance. Transport to hospital or medical centre.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Inhalation	Remove victim from exposure – avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible – either on site or at the nearest hospital
Ingestion	DO NOT induce vomiting. Rinse mouth thoroughly with water immediately. Give water to drink and seek immediate medical assistance. Where vomiting occurs naturally have victim place head below hip level in order to reduce risk of aspiration.

Advice to Doctor Treat symptomatically.

First Aid Facilities Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Foam, dry chemical or CO₂. Water fog should only be used by experienced fire-fighters as product may float or reignite on the surface of the water.

Specific Methods Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition

Specific Hazards Flammable. Vapours are heavier than air and may travel along the ground, gathering in depression. Risk of oxygen deficiency.

Hazchem Code 3[Y]

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Contain – prevent contamination of drains and waterways.
Use absorbent (soil or sand, sawdust, inert material, vermiculite)
Collect and seal in properly labelled drums for disposal. Dispose of waste as per Local, State and Federal Land Waste Management Authorities. (Victoria: MMBW (03)9615 6099)

7. STORAGE AND HANDLING

Additional information on precautions for use Observe standard safety precautions and good work practices. Do not continue to use contaminated clothing.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

National Exposure Standards No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC)

Engineering Controls Maintain concentration below recommended exposure limit. Use in a well-ventilated area with local exhaust ventilation, equipment must be explosion proof. Use away from all ignition sources.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to the Australian Standards AS/NZS, Selection use of respiratory protective devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Safety glasses with side shields or goggles should be worn as describes in Australian Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Hand Protection PVC or rubber gloves

Body Protection Suitable protective clothing should be worn e.g. cotton overalls buttoned at the neck and wrist.

Hygiene Measures Wash hands before eating, drinking, smoking and using the toilet. Launder contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark Brown, Thixotropic Dispersion
Boiling Point	>200°C
Solubility in Water	Insoluble
Specific gravity	0.87 @ 15°C / typical
Vapour Pressure	2mmHg @ 20°C
Vapour Density, Air=1	Heavier than air
Evaporation Rate	Slower than ether
Viscosity	>400 cps @ 25°C
Flash Point	40°C/typical
Flammability	Flammable Liquid. Keep away from heat, sparks or naked flamed. Keep the container tightly closed
Flammable Limits – Lower	Not Determined
Flammable Limits – Upper	Not Determined
Other Information	*See Product Information Sheet for Further Information.

10. STABILITY AND REACTIVITY

Incompatible Materials	Strong Oxidising agents and strong acids
Hazardous Decomposition Products	Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid particulates and gases will evolve when this material undergoes pyrolysis or combustions. CO, CO ₂ , SO _x , CaO. Aldehydes and other unidentified organic compounds may be formed.
Hazardous Reactions	Store away from strong oxidisers
Hazardous Polymerisation	Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. LD50 (oral-rat): >5g/kg, LD50(Dermal – rabbit): >2g/kg The aliphatic petroleum distillate component is not a recognised carcinogen according to the criteria of the national occupational health and safety commission (NOHSC); hence it is not listed as such with the data provided.
Inhalation	Excessive inhalation may cause mild irritation of the upper respiratory tract, central nervous system effects including dizziness, nausea, weakness, fatigue, headache and possible unconsciousness.

Ingestion	May be harmful if swallowed. Ingestion may cause gastro intestinal irritation, nausea, vomiting and diarrhoea. If vomiting occurs product may be aspirated into the lungs leading to chemical pneumonia
Skin	May be a skin irritant
Eye	Eye contact may cause stinging, luring and tearing.
Chronic Effects	Repeated of prolonged skin contact can result in irritation and in severe cases dermatitis due to the defatting effect. Prolonged exposure may also cause kidney damage and low grade anaemia.

12. ECOLOGICAL INFORMATION

Environment Protection	Non-biodegradable. Avoid contaminating waterways. Spills leading to surface waters that case sheen must be reported to the Environmental Protection Agency.
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13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Dispose of waste according to federal, EPA, state and local regulations.
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14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

U.N. Number	1993
Proper Shipping Name	Flammable Liquid. N.O.S.
DG Class	3
Hazchem Code	3[Y]
Packaging Method	3.8.3RTI
Packing Group	III
Storage and Transport	Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the class 3 and class 2.1 dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the class 3 dangerous goods are nitro methane and class 7. Flammable. This product should be stored in a well-ventilated area away from naked flames, sparks and sources of ignition. Protect containers against physical damage and check regularly for leaks. Do not store in open or unlabelled containers. Store away from oxidizing agents or combustible material.
EPG Number	3A1
IERG Number	14

15. REGULATORY INFORMATION

Poison Schedule	s5
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Hazard Category Harmful, Irritant

16. OTHER INFORMATION

Contact Head Chemist +61 (3) 9720 4400

Person/Point QA Chemist +61 (3) 9720 4400

Literature * NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets
References * NOHSC:1008 Approved Criteria for Classifying Hazardous Substances
* NOHSC:10005 List of Designated Hazardous Substances
* NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations
* NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice
* NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards
* NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note
* NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard
* NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice
* SUSDP, Standard for the Uniform Scheduling of Drugs and Poisons
* ADG, Australian Dangerous Goods Code
* MSDS of component materials. Commonwealth of Australia, 'Australian Code for the Transport of Dangerous Goods by Road and Rail' AGPS (1998) 6th edition

REPORT STATUS:

This MSDS has been prepared by Tru-Blu Oil using the most current information available at the time of issuing. Tru-Blu Oil accepts no liability (as lawfully allowed) for any loss, injury or damage which may have been suffered or incurred by any person as a consequence of their reliance on information that is contained in this MSDS.

MSDS Date: 23 May 2012

End of MSDS