

Material Safety Data Sheet

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REDUCTEUR H-72

Infosafe™ FBCFN **Issue Date** January 2011 **Status** ISSUED by JONESPAR **BS:** 1.16.14
No.

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name REDUCTEUR H-72

Company Name JONES AND PARK (AUST) PTY LTD

Address 49 Birch Street Condell park,
NSW 2200

Telephone/Fax Number Tel: (02) 9707 3822 (office hours); 0418 976 852 (all hours)
Fax: (02) 9707 3422

Recommended Use Lubricant.

Other Names Not Available

Additional Information Substance: Mixture of aliphatic hydrocarbon (de-aromatised) and ethoxylated alcohol.

2. HAZARDS IDENTIFICATION

Hazard Classification DANGEROUS GOODS.
NON-HAZARDOUS SUBSTANCE.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Risk Phrase(s) Not Hazardous - No criteria found.

Safety Phrase(s) S23, S25. Do not breathe spray mists. Avoid contact with eyes.

Other Information Statement of Hazardous Nature:
 This product is classified as:
 Not classified as hazardous according to the criteria of ASCC Australia.
 Dangerous according to the Australian Dangerous Goods (ADG) Code.

Emergency Overview:
 Physical Description & colour: Clear orange coloured liquid.
 Odour: Aromatic odour.
 Major Health Hazards: no significant risk factors have been found for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Butane/propane mixture	68475-59-2	35 %
	Other non hazardous ingredients	Secret	To 100%

Liquid component is a mixture of aliphatic hydrocarbon (de-aromatised) and ethoxylated alcohol.
 This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

4. FIRST AID MEASURES

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 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

Inhalation First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

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.

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

Eye No effects expected. If irritation does occur, flush contaminated

eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

Specific Methods If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Specific Hazards This product is classified as a C1 combustible product. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.
Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

7. HANDLING AND STORAGE

Precautions for Safe Handling Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 (Exposure Controls/Personal Protection) of this MSDS 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 (Stability and Reactivity).

Conditions for Safe Storage Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep more than 25kg of flammable gases, you probably require a license to do so. If you have any doubts, we suggest you contact your licensing authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls, Personal Protection The following Australian Standards will provide general advice regarding safety clothing and equipment:
Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

National Exposure Standards Exposure Limits TWA (mg/m³) STEL (mg/m³)
Butane/propane mixture 1900 not set
Other non hazardous ingredients not set not set

The 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 should not be exceeded for more than 15 minutes and should not be repeated for 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.

SWA Exposure Limits TWA (mg/m³) STEL (mg/m³)
Butane/propane mixture 1900 (butane) not set

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

Respiratory Protection Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

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

Personal Protective Equipment Protective Material Types: There is no specific recommendation for any particular protective material type.

Body 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 handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear orange coloured liquid.
Odour	Aromatic odour.
Freezing Point	No specific data. Liquid at normal temperatures.
Boiling Point	196-237°C at 100kPa
Solubility in Water	Insoluble.
Specific Gravity	No data.
Vapour Pressure	No data.
Vapour Density (Air=1)	No data.
Evaporation Rate	No data.
Coefficient Water/Oil Distr.	No data.
Odour Threshold	No data.
Volatile Component	No specific data.
Flash Point	Propellant gas is flammable; liquid is combustible.
Flammability	Flammability Class: C1
Auto-Ignition Temperature	No data.
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available
Other Information	Volatility: No data.

10. STABILITY AND REACTIVITY

Conditions to Avoid	This product should be kept in a cool place, preferably below 30° C. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.
Incompatible	

Materials	Strong oxidising agents.
Hazardous Decomposition Products	Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
Hazardous Reactions	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.
Hazardous Polymerization	This product is unlikely to undergo polymerisation processes.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	<p>Target Organs: There is no data to hand indicating any particular target organs.</p> <p>CLASSIFICATION OF HAZARDOUS INGREDIENTS Ingredient Risk Phrases No hazardous ingredients present in hazardous concentrations.</p>
Inhalation	<p>Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal.</p> <p>Long Term exposure: No data for health effects associated with long term inhalation.</p>
Ingestion	<p>Short term exposure: Available data shows that this product is not harmful. This product is unlikely to cause any irritation problems in the short or long term.</p> <p>Long Term exposure: No data for health effects associated with long term ingestion.</p>
Skin	<p>Short term exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.</p> <p>Long Term exposure: No data for health effects associated with long term skin exposure.</p>
Eye	<p>Short term exposure: Available data shows that this product is not harmful. If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.</p> <p>Long Term exposure: No data for health effects associated with long term eye exposure.</p>
Carcinogenicity	<p>ASCC: No significant ingredient is classified as carcinogenic by ASCC.</p> <p>NTP: No significant ingredient is classified as carcinogenic by NTP.</p> <p>IARC: No significant ingredient is classified as carcinogenic by</p>

IARC.

12. ECOLOGICAL INFORMATION

Ecological Information This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of small quantities and empty containers by wrapping with paper and putting with domestic garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

14. TRANSPORT INFORMATION

Transport Information ADG Code: 1950, AEROSOLS
Hazchem Code: 2YE
Special Provisions: 63, 190, 277
Limited quantities: ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.
Dangerous Goods Class: Class 2.1, Flammable gases.
Packaging Group: Not set
Packaging Method: P003
Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

U.N. Number 1950

Proper Shipping Name AEROSOLS

DG Class 2.1

Packaging Method

Packing Group

EPG Number 2D1

IERG Number 49

15. REGULATORY INFORMATION

Regulatory Information NON-HAZARDOUS SUBSTANCE.
NOT SCHEDULED POISON.

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule Not Scheduled

AICS (Australia) This product is compliant with NICNAS regulations.

16. OTHER INFORMATION

Other Information This MSDS 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)

AICS: Australian Inventory of Chemical Substances

ASCC: Office of the Australian Safety and Compensation Council

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)

R-Phrase: Risk Phrase

SUSDP: Standard for the Uniform Scheduling of Drugs & Poisons

UN Number: United Nations Number

Please read all labels carefully before using product.

This MSDS is prepared in accord with the ASCC document 'National Code of Practice for the Preparation of Material Safety Data Sheets' 2nd Edition [NOHSC:2011(2003)]

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