
ISSUED Date: 22/01/2015

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

AC- 27 Brake Cleaner

Product Code

AC- 27

Company Name

SUPPLIER

Company: Onshore Oils Pty Ltd

Address: 38A Aquarium Avenue

Hemmant

QLD, 4174

Australia

Telephone: +61 7 3348 8388

Fax: +61 7 3390 7455

Email: reception@onshoreoils.com.au

Recommended Use

Brake cleaner.

2. HAZARD IDENTIFICATION

Hazard Classification

HAZARDOUS SUBSTANCE.

DANGEROUS GOODS.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Risk Phrase(s)

R11 Highly flammable.

R22 Harmful if swallowed.

R38 Irritating to skin.

R65 Harmful: may cause lung damage if swallowed.

Safety Phrase(s)

S2 Keep out of reach of children.

S9 Keep container in a well ventilated place.

S16 Keep away from sources of ignition - No smoking.

S20 When using do not eat or drink.

S23 Do not breathe gas/fumes/vapour/spray

S24 Avoid contact with skin.

S29 Do not empty into drains.

S33 Take precautionary measures against static discharges.

S45 In case of accident or if you feel unwell seek medical advice immediately

S60 This material and its container must be disposed of as hazardous waste.

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Solvent Naptha	64742-89-8	0 -10%
Isohexane	107-83-5	30 – 60%
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safework Australia		

4. FIRST- AID MEASURES

First Aid Measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764 766) or a doctor.

Inhalation

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If victim has stopped breathing begin artificial respiration, or if heart has stopped, cardiopulmonary resuscitation. Seek immediate medical attention.

Ingestion

Seek immediate medical assistance.

DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.

Never give anything by mouth to an unconscious person.

Skin

Remove contaminated clothing and wash before re- use.

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye

Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

Advice to Doctor

Treat symptomatically.

5. FIRE- FIGHTING MEASURES

Suitable Extinguishing Media

Use CO₂, dry chemical or foam.

Use water jet to keep containers cool.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Special Protective Equipment for fire fighters

Fire- fighters should wear full protective clothing and self contained breathing apparatus (SCBA).

Hazchem Code

. 3YE

Other Information

Flash point <0C

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Shut off all possible sources of ignition.

Increase ventilation.

Evacuate unprotected personnel from danger area.

Avoid breathing dust or vapours and contact with skin and eyes.

Contain using sand and earth - prevent runoff into drains and waterways.

Use spark free implements.

Collect and seal in properly labelled drums for disposal.

Environmental Precautions

Prevent from entering drains, waterways or sewers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid prolonged or repeated contact with skin, eyes and clothing .

Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet

Conditions for Safe Storage

Store in cool place and out of direct sunlight.

Store in well ventilated area.

Store away from oxidizing agents.

Do not store this material in open or unlabelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

If oil mists are generated, observe the OSHA exposure limit of 5 mg/m³.

Engineering Controls

Maintain concentration below recommended exposure limit.

Local exhaust ventilation system may be required.

Use in a well ventilated area only.

Respiratory Protection

If ventilation is insufficient use a type AX Filter of sufficient capacity (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent).

Eye Protection

Safety glasses, goggles or faceshield as appropriate.

Hand Protection

Chemically resistant gloves.

Body Protection

Overalls or similar protective apparel.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear, colourless liquid

Odour

Hydrocarbon Solvent

Boiling Point

68C

Solubility in Water

Slightly miscible

Specific Gravity

0. 67- 0. 69

pH Value

No data

Flammable Limits - Lower

approx 2. 0%

Flammable Limits - Upper

approx 10. 5%

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Volatile at room temperature.

Conditions to Avoid

Heat, direct sunlight, open flames or other sources of ignition.

Incompatible materials

Avoid contamination with oxidising agents i. e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result. Strong acids, acid chlorides and acid anhydrides.

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation

Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over- exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

Ingestion

This material may be harmful or fatal if swallowed. May cause severe and permanent damage to mouth, throat and stomach.

Skin

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye

Liquid and vapours of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation.

Chronic Effects

Overexposure may cause nervous system damage, lung damage and kidney damage.

Reproductive Toxicity

No data available for this product as a whole.

Mutagenicity

No data available for this product as a whole.

Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecological information

Expected to be harmful to aquatic organisms, may cause long- term adverse effects in the aquatic environment. Keep product out of sewers and waterways.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to federal, EPA, state and local regulations.

14. TRANSPORT INFORMATION

U. N. Number

1993

Proper Shipping Name

FLAMMABLE LIQUID, N. O. S. contains isohexanes

DG Class

3

Packing Group

II

Hazchem Code

. 3YE

EPG Number

3A1

IERG Number

14

15. REGULATORY INFORMATION

Regulatory information

Classified as hazardous according to criteria of NOHSC

HAZARDOUS SUBSTANCE.

SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

S5

Hazard Category

Harmful, Irritant, Highly Flammable

16. OTHER INFORMATION

Date of preparation or last revision of MSDS

Jan 2015