

Contact Sheet



Europe

 **Austria**
Tel: + 43 4212 6400
Sparex Austria
Muraunberger Str
Hurzendorf 9300

 **Belgium / Lux**
Tel: + 32 58235140
Sparex Belgium Bvba
Toevluchtweg 9
B- 8620 Nieuwpoort

 **Denmark**
Tel: + 45 647 22287
Sparex Denmark
Sparex Limited ApS
Messevej 1
9600 Aars

 **France**
Tel: +33 2987 89234
Sparex S.A.R.L.
Zae De Ty Douar
Commana 29450

 **Germany**
Tel: + 49 4282 93100
Sparex Germany
Hansestrasse 03
Sittensen 27419

 **Ireland**
Tel: +353 51 855592
Sparex (Tractor Accessories) Ltd
Grannagh
Waterford
Ireland

 **Italy**
Tel: + 43 4212 6400
Sparex Austria
Muraunberger Str
Hurzendorf 9300

 **Netherlands**
Tel: + 31 235 841 020
Sparex Holland BV
Luzernstraat 19N
2153 GM Nieuw-Vennep

 **Poland**
Tel: +48 61 816 19 37
61-168 ul. Rataje 164, Poznań

 **Portugal**
Tel: +351 261 311107
Sparex Portugal, Importação
e Comércio de Peças,Lda.
Lugar da Espera 2565-716 Runa.

 **Spain**
Tel: + 349 451 33524
Sparex Agrirepuestos,S.L. C/Jose Maria
Iparraguirre
No.15 B
01006 Vitoria-Gasteiz (Alava)

 **UK**
Tel: +44 1392 441338
Sparex Limited
Exeter Airport Devon
Exeter EX5 2LJ

North America

 **Canada**
Tel: + 905 786 277
Sparex Canada Highway
No. 2 On Newcastle L1b 119

 **USA**
Tel: + 1 330 562 8150
Sparex US
PO Box 510
Aurora, OH 44202

Africa

 **South Africa**
Cape - Tel: +27 00 21 887 3575
KZN - Tel: + 27 31 573 1240
Cape branch
35 George Blake St,
Plankenburg
Stellenbosch 7600
KZN branch
59 Marseilles crescent
Briardene
Durban 4001

Australasia

 **Australia**
Tel: + 61 298 205 777
Sparex Australia Pty Ltd
81-83 Strzelecki Avenue,
Sunshine West, VIC 3020

 **New Zealand**
Tel: + 64 9634 4121
4 Princes Street Onehunga,
Auckland 1345

Sparex Export Markets

 **Export**
Tel: +44 1392 441314
Sparex Limited
Exeter Airport
Devon Exeter EX5 2LJ



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: YUK OFF BRAKE AND PARTS CLEANER

Proper Shipping Name: AEROSOLS

Product Code: 230824

Part Number: 24441 (417 gram)

Use: Cleaner for brakes and parts.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
TECHNOLOGIES
135-141 Canterbury Road, Kilsyth, Victoria, 3137 Tel: (03) 9724 6444
24 HOUR EMERGENCY CONTACT NUMBER: Tel: 1800 032 379

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of Safe Work Australia. This material has been classified as Flammable (F), Harmful (Xn), Irritant (Xi) and Dangerous for the environment (N).

Risk phrase(s):

R11 Highly Flammable
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.
R50 Very toxic to aquatic organisms.
R53 May cause long term adverse effects in the aquatic environment.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.
R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and 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.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S47 Keep at temperature not exceeding 50°C
S51 Use only in well ventilated areas.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

DANGEROUS GOODS INFORMATION:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Class: 2.1

SUSDP POISON SCHEDULE: 5



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
n-Heptane	[142-82-5]	40-60% w/w
Xylene	[1330-20-7]	30-50% w/w
Methanol	[67-56-1]	< 5% w/w
Propellant		< 10% w/w

SECTION 4. FIRST AID MEASURES

Ingestion: If swallowed, **do not induce** vomiting. For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor.

Skin: Remove contaminated clothing and wash affected areas with running water. If irritation occurs, seek medical advice.

Eyes: Hold eyes open and flush immediately with running water. If irritation occurs, seek medical advice.

Inhalation: If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.

Advice to doctor: Treat symptomatically.

First Aid facilities: Eye wash and normal washroom facilities

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, carbon dioxide, dry chemical.

Hazardous decomposition products: Under fire conditions, it will produce carbon monoxide and noxious fumes.

Precautions for fire fighters and special protective equipment: This product contains flammable solvents. Heating aerosol containers may cause an explosion. Fire-fighters should wear full protective clothing and self-contained breathing apparatus.

Hazchem code: 2YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Isolate all potential sources of ignition. Wear protective gloves, chemical goggles and waterproof boots. Contain and collect spillage with absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Mop up areas in contact with spilled material. Note: Residues are not water soluble. Do not contaminate watercourse. Dispose of residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

SECTION 7. HANDLING AND STORAGE

Safe Handling: Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Wear Nitrile, Viton or Polyvinylalcohol gloves¹ and chemical splash goggles. Keep away from heat sources, sparks and naked flames. Use in a well ventilated area.



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Storage: Store indoors in a cool, dry, well ventilated area. Protect from physical damage. This container is pressurised. Protect from sunlight and do not expose to temperatures exceeding 50°C. Store according to relevant State Dangerous Goods Storage Requirements.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: TWA: 350 mg/m³ (80 ppm) as xylene
1640 mg/m³ (400 ppm) as n-heptane
262 mg/m³ (200 ppm) as methanol
STEL: 655 mg/m³ (150 ppm) as xylene
2050 mg/m³ (500 ppm) as n-heptane
328 mg/m³ (250 ppm) as methanol

Engineering controls: In confined areas, a local mechanical exhaust system is required where vapour or mist is being generated.

Personal protective equipment: Avoid contact with skin and eyes. Do not breathe vapour or spray mist. Wear safety apron, safety footwear, wear Nitrile, Viton or Polyvinylalcohol gloves¹ and chemical splash goggles or full face shield. Use with adequate ventilation. If exposure limits are exceeded, wear an organic vapour respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance: Clear colourless liquid.
Specific gravity: 0.75 @ 20°C
Odour: Characteristic
Solubility: Insoluble in water
Flash point: < 5°C

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Avoid heat sources, open flames and sparks.

Incompatible materials: Keep away from oxidising agents, acids and alkalis.

Hazardous decomposition products: When heated to decomposition, it will emit carbon monoxide and noxious fumes.

Hazardous reactions: Will not polymerise.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Acute:

Ingestion: If swallowed, this product may cause irritation to the mouth, throat and digestive tract. Ingestion effects may include stomach pain, blood disorders and atrophy of the optic nerves, which may lead to vision impairment. Aspiration of liquid into the lungs during ingestion or from vomiting may cause pneumonitis or pulmonary oedema.

Skin: Contact with skin can cause irritation. May be absorbed through the skin.

Eyes: Liquid contact with the eyes can cause irritation.

Inhalation: Inhalation of vapour may cause respiratory irritation, nausea, headache, visual disturbances, dizziness and drowsiness. Exposure to high concentrations of vapour may cause poor coordination and loss of consciousness.



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Chronic: Repeated or prolonged skin contact may cause defatting of the skin and lead to dermatitis. Prolonged inhalation exposure may result in blood disorders and harmful effects to the central nervous system and liver.

Toxicity information: Acute LC₅₀ (rat): 103 g/m³/4hr as n-heptane

SECTION 12. ECOLOGICAL INFORMATION

Do not contaminate waterways and soil. This product is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment

Fish toxicity: 24 hr LC₅₀ (C. auratus): 4 mg/l as n-heptane.
Daphnia toxicity: 48 hr EC₅₀ (Daphnia magna): 1.5 mg/l as n-heptane

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of this material via chemical waste collections. Do not puncture or incinerate containers, even after use. Empty containers should be disposed of at an approved landfill site.

SECTION 14. TRANSPORT INFORMATION

UN Number: 1950
Proper Shipping Name: AEROSOLS
Class: 2.1
Packing Group: -
Hazchem code: 2YE
Emergency Information: Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76) Guide 49 or EPG 2D1.

SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: 5

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
TWA - Time-weighted average
STEL - Short term exposure limits.

References:

1. Quick Selection Guide to Chemical Protective Clothing, Fifth Edition, 2007: Forsberg and Mansdorf, Wiley-Interscience.
2. Ecological Data: Merck MSDS for n-Heptane, January 2002

DISCLAIMER:

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