

SAFETY DATA SHEET SAFE SOLVENT

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: 65002 BRAKE AND CLUTCH CLEANER 5L

APPLICATIONS: Brake and Clutch Cleaner

SUPPLIER: Draper Tools Ltd
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Hampshire
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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R36.

Human health

Irritating to eyes.

2.2. Label elements

Labelling



Irritant

Risk Phrases

R36 Irritating to eyes.

Safety Phrases

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

3-BUTOXYPROPAN-2-OL		5.0-9.9%
CAS-No.: 5131-66-8	EC No.: 225-878-4	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38	
ALCOHOL ETHOXYLATE WITH 6.5 MEO		0.5-5.0%
CAS-No.: 68439-45-2	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.	
ANIONIC SURFACTANT		0.5-5.0%
CAS-No.: 137-16-6	EC No.: 205-281-5	
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	
C9-11 ALCOHOL ETHOXYLATE		0.5-5.0%
CAS-No.:	EC No.:	
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues. Wash contaminated clothing before reuse.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation.

Spray mists irritate the respiratory system, and cause coughing and difficulties in breathing.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

Irritating to eyes

4.3. Indication of any immediate medical attention and special treatment needed

The severity of the symptoms described will vary dependent of the concentration and the length of exposure.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Not applicable

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire, toxic gases may be formed.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

In case of fire, toxic gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. 3/11

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product. Wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Engineering measures

Provide adequate ventilation.

Hand protection

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Provide eyewash station.

Hygiene measures

Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash hands after handling. Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Ether
Solubility	Miscible with water
Relative density	0.98 - 1.00 @ 20°C
pH-Value, Conc. Solution	9 - 10
Viscosity	~ 100 mPas @ 20°C

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Strong oxidising substances.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Avoid contact with strong oxidisers. Avoid heat.

10.5. Incompatible materials

Materials To Avoid Strong oxidising substances.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Spray mists may cause respiratory tract irritation.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating to eyes.

Toxicological information on ingredients.

3-BUTOXYPROPAN-2-OL (CAS: 5131-66-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

3300 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rat

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 651 ppm (vapour) Rat

REACH dossier information

C9-11 ALCOHOL ETHOXYLATE

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

Raw material supplier's data.

ANIONIC SURFACTANT (CAS: 137-16-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

REACH dossier information

Acute Toxicity (Inhalation LC50)

0.05 mg/l (aerosol) Rat 4 hours

REACH dossier information

ALCOHOL ETHOXYLATE WITH 6.5 MEO (CAS: 68439-45-2)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 200 mg/kg Rat

Raw material supplier's data.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Ecological information on ingredients.

3-BUTOXYPROPAN-2-OL (CAS: 5131-66-8)

Acute Toxicity - Fish

LC50 96 hours > 560 mg/l *Poecilia reticulata* (Guppy)

REACH dossier information

NOEC 96 hours 180 mg/l *Poecilia reticulata* (Guppy)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 1000 mg/l *Daphnia magna*

REACH dossier information

NOEC 48 hours 560 mg/l *Daphnia magna*

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 96 hours > 1000 mg/l *Selenastrum capricornutum*

REACH dossier information

NOEC 96 hours 560 mg/l *Selenastrum capricornutum*

REACH dossier information

C9-11 ALCOHOL ETHOXYLATE

Acute Toxicity - Fish

LC50 96 hours 1 - 10 mg/l Species not noted

Raw material supplier's data.

ANIONIC SURFACTANT (CAS: 137-16-6)

Acute Toxicity - Fish

NOEC 96 hours 50 mg/l Brachydanio rerio (Zebra Fish)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates LC50 48

hours 29.7 mg/l Daphnia magna

REACH dossier information

NOEC 48 hours 5 mg/l Daphnia magna

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 72 hours 39 mg/l Desmodium subspicatum

REACH dossier information

NOEC 72 hours 9.2 mg/l Desmodium subspicatum

REACH dossier information

ALCOHOL ETHOXYLATE WITH 6.5 MEO (CAS: 68439-45-2)

Acute Toxicity - Fish

LC50 96 hours 1 - 10 mg/l Species not noted

Raw material supplier's data.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Approved Code of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

This is first issue.

Revision Date

07-2013

Risk Phrases in Full

R22 Harmful if swallowed

R36/38 Irritating to eyes and skin

R36 Irritating to eyes

R41 Risk of serious damage to eyes