

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** PREMIERCUT BFF**Product code:** OXP1293**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Use of substance / mixture:** PC25: Metal working fluids.**Company name:** Premier Lubricants Ltd

Little Row

Fenton Ind Estate

Stoke-on-Trent

ST4 2SQ

Tel: +44 1782 410381**Fax:** +44 1782 410684**Email:** info@premierlubricants.co.uk**1.4. Emergency telephone number****Emergency tel:** +44 (0)1782 410381

(office hours only)

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** Eye Irrit. 2: H319; Aquatic Chronic 3: H412; Skin Irrit. 2: H315**Most important adverse effects:** Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H315: Causes skin irritation.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

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Signal words: Warning

Precautionary statements: P264: Wash hands, forearms and face thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P362+P364: Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

Section 3: Composition/information on ingredients

3.2. Mixtures

PBT: This product is not identified as a PBT/vPvB substance.

Hazardous ingredients:

AMIDES, C18-UNSATD., N,N-BIS(HYDROXYETHYL)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
700-972-2	93-83-4	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411	5-10%

SULFONIC ACIDS, PETROLEUM, SODIUM SALTS - REACH registered number(s): 01-2119527859-22-XXXX

271-781-5	68608-26-4	-	Eye Irrit. 2: H319	1-5%
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(Z)-N-9-OCTADECENYLPROPANE-1,3-DIAMINE

230-528-9	7173-62-8	-	Met. Corr. 1: H290; Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT RE 1: H372; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If irritation persists, obtain medical advice.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a Doctor if irritation persists.

Ingestion: Wash out mouth with water and obtain medical attention. Treat symptomatically. If aspiration is suspected, obtain immediate medical attention.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: Occasional contact with undiluted product is unlikely to cause any significant reaction. Prolonged contact with undiluted product may cause defatting of skin barrier, leading to cracking and soreness. The diluted product in occasional skin contact is unlikely to cause any significant reaction.

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Eye contact: Eye contact with undiluted product may cause moderate irritation and stinging. There may be a potential to cause corneal injury if treatment is not prompt. Dilute emulsions are expected to cause only slight transient irritation or redness.

Ingestion: The product has a low order of acute oral toxicity; ingestion is not regarded as a significant hazard likely to arise in normal use.

Inhalation: The product is unlikely to present any significant hazard at ambient temperatures. High temperatures or atomising systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract. Repeated excessive exposure to oil mists may cause respiratory damage and a condition resembling pneumonia.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises. For pressure injection always obtain immediate medical attention.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder. Alcohol resistant foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. See section 10.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

Storage conditions: Store in dry conditions between 0 and 40°C.

Specific end use(s): PC25: Metal working fluids.

Section 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/PNEC Values

Workplace exposure limits: No data available.

Hazardous ingredients:

AMIDES, C18-UNSATD., N,N-BIS(HYDROXYETHYL)

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	73.44 mg/m ³	Workers	Systemic
DNEL	Dermal	4.16mg/kg bw/day	Workers	Systemic
DNEL	Dermal	31.2 µg/cm ²	Workers	Local
DNEL	Inhalation	21.73 mg/m ³	General Population	Systemic
DNEL	Dermal	2.5 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	18.73 µg/cm ²	General Population	Local
DNEL	Oral	6.25 mg/kg bw/day	General Population	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection is not normally required. For environments where oil mists exceed more than 0.1mg/m³ a oil resistant particulate respirator is recommended, filter class P2 (EN143) or above.

Hand protection: Prolonged or repeated contact with diluted metalworking fluid is often unavoidable, in such circumstances; the use of barrier and after work creams may be beneficial. Avoid direct contact with the neat product where possible, in such circumstances where this is unavoidable the use of oil impervious gloves (nitrile type) is recommended. The typical permeation breakthrough time of a disposable nitrile glove should be greater than 1 hour, however this should be confirmed with the glove manufacturer.

Eye protection: Wear goggles or face mask when handling undiluted product. Ensure eye bath is to hand.

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Skin protection: Oil-resistant protective clothing is recommended. Change heavily contaminated clothing as soon as possible.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Brown

Odour: Barely perceptible odour

Solubility in water: Miscible

Boiling point/range°C: >100

Melting point/range°C: <0

Flash point°C: >100

Relative density: 1.00

pH: 9.8-10.1 (5% Sol.)

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: No data available.

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Extremes of temperature. Store between 0 and 40°C.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: Thermal decomposition can produce various compounds, depending on the conditions in which decomposition took place. Depending on the temperature and the level of oxygen available products of decomposition may be carbon, oxides of sulphur, carbon and nitrogen, partially oxidised organic compounds, water and other unidentifiable organic and inorganic compounds.

Section 11: Toxicological information

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11.1. Information on toxicological effects

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Occasional contact with undiluted product is unlikely to cause any significant reaction.

Prolonged contact with undiluted product may cause defatting of skin barrier, leading to cracking and soreness. The diluted product in occasional skin contact is unlikely to cause any significant reaction.

Eye contact: Eye contact with undiluted product may cause moderate irritation and stinging. There may be a potential to cause corneal injury if treatment is not prompt. Dilute emulsions are expected to cause only slight transient irritation or redness.

Ingestion: The product has a low order of acute oral toxicity; ingestion is not regarded as a significant hazard likely to arise in normal use.

Inhalation: The product is unlikely to present any significant hazard at ambient temperatures. High temperatures or atomising systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract. Repeated excessive exposure to oil mists may cause respiratory damage and a condition resembling pneumonia.

Other information: Aspiration into the lungs caused by vomiting following ingestion can be hazardous with possible resultant chemically induced pneumonia

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: The individual components range from readily to poorly biodegradable. Mineral oil itself has limited biodegradability when tested by method CEC L-33-T-82.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Small quantities will be absorbed in the upper soil layers where biodegradation may take place.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

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12.6. Other adverse effects

Other adverse effects: Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Specific regulations: Not applicable.

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Phrases used in s.2 and s.3: H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H372: Causes damage to organs through prolonged or repeated exposure.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.