SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: XCP Cleaner and Degreaser

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: MGS Chemistry Technology Group
- Address of Supplier: Spott Road Industrial Estate
  Dunbar
  East Lothian
  UK
  EH42 1RS
- Telephone: +44(0)1368 862082
- Responsible Person: Colin MacGregor, Chief Chemist
- Email: info@mgschem.com

1.4 Emergency telephone number

- Emergency Telephone: +1-352-323-3500 (24 Hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Regulation (EC) No 1272/2008
- CLP: Eye Irrit. 2
  H319

2.2 Label elements



- Signal Word: Warning

Hazard statements

Causes serious eye irritation.

Precautionary statements

Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Wash thoroughly after handling.
Keep out of reach of children.

2.3 Other hazards

SECTION 2: Hazards identification (....)

- Contains: Contains reaction mass of 5-chloro-2-methyl-4-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

3-Butoxypropan-2-ol

Concentration: <10%
CAS Number: 5131-66-8
EC Number: 225-878-4
REACH Registration Number: 01-2119475527-28-xxxx
Categories: Skin Irrit. 2, Eye Irrit. 2
H Statements: H315, H319
Acute toxicity estimate: 3300 mg/kg (oral), 2000 mg/kg (dermal), >3.5 mg/l/4h (inhalation)

Isotridecanol, ethoxylated

Concentration: <3%
CAS Number: 69011-36-5
EC Number: 931-138-8
REACH Registration Number: This product is either exempt from REACH or does not meet the minimum volume threshold for a chemical safety assessment (CSA)
Categories: Acute Tox. 4, Eye Dam. 1
H Statements: H302, H318
Acute toxicity estimate: >300-2000 mg/kg (oral), >2000 mg/kg (dermal)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Concentration: <0.0015%
CAS Number: 55965-84-9
EC Number: 613-167-00-5
REACH Registration Number: 01-2120764691-48-xxxx
Categories: Acute Tox. 2; Acute Tox. 2; Acute Tox. 3; Skin Corr. 1C; Eye Dam. 1; Skin Sens. 1A; Aquatic Acute 1; Aquatic Chronic
H Statements: H330, H310, H301, H314, H318, H317, H400, H410
M factor: 100
Acute toxicity estimate: >2000 mg/kg (oral), >5000 mg/kg (dermal)

SECTION 4: First aid measures

4.1 Description of first aid measures

Ingestion

Rinse mouth with water (only if the person is conscious)
Do not induce vomiting
Seek immediate medical attention

SECTION 4: First aid measures (....)

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
Seek medical attention if irritation persists

Inhalation

Remove person to fresh air and keep comfortable for breathing.
Seek medical attention if ill effects occur

4.2 Most important symptoms and effects, both acute and delayed

Ingestion

May cause gastro-intestinal disturbances

Contact with eyes

Causes severe irritation

Contact with skin

May cause irritation

Inhalation

Inhalation is unlikely to occur

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- In case of fire, do not breathe fumes
- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wear chemical protection suit and positive-pressure breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes

6.2 Environmental precautions

SECTION 6: Accidental release measures (....)

- Absorb spillage in earth or sand
- Do not allow to enter public sewers and watercourses
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Contain leaking liquid in earth or sand and remove to safe place when solid
- Seek expert advice for removal and disposal of all contaminated materials and wastes

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid contact with skin and eyes

7.2 Conditions for safe storage, including any incompatibilities

- Opened containers should be carefully resealed and stored in an upright position
- Protect from frost
- Store above 5 °C
- Store at temperatures not exceeding 30°C/

7.3 Specific end use(s)

- Not available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

3-Butoxypropan-2-ol

DNEL (Consumer; dermal, long term systemic effects): 22 mg/kg/day
DNEL (Consumer; inhalational, long term systemic effects): 43 mg/m³
DNEL (Consumer; oral, long term systemic effects): 12.5 mg/kg/day
PNEC (Fresh water): 0.525 mg/l
PNEC (intermittent): 5.25 mg/l
PNEC (Marine water): 0.0525 mg/l
PNEC (Sediment; fresh water): 2.36 mg/kg
PNEC (Sediment; marine water): 0.236 mg/kg
PNEC (Soil): 0.16 mg/kg
PNEC (STP): 10 mg/l

Isotridecanol, ethoxylated

No information available

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

No exposure limits have been set for this substance

8.2 Exposure controls

SECTION 8: Exposure controls/personal protection (....)




- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Eyewash bottles should be available
- Wash thoroughly after handling.
- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
- Eyewash bottles should be available
- Avoid breathing dust/fume/gas/mist/vapours/spray.

8.3 Environmental exposure controls

- Do not allow to enter public sewers and watercourses

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: green
- Odour: Characteristic odour
- Melting point/Range: not available
- Freezing point/Range: not available
- Boiling Point/Range: >100C
- Flammability: Non-flammable
- Lower explosive limit: not applicable% (in air)
- Upper explosive limit: not applicable% (in air)
- Flashpoint: >100C
- Autoignition Temperature: not applicable
- Decomposition temperature: not available
- pH: 10-10.5
- Kinematic viscosity: not available mm^2/s
- Solubility in water: Completely soluble in water
- Partition Coefficient (n-Octanol/Water): not available
- Vapour pressure: not available
- Density: Approx. 1.01 g/cm^3 at 25 °C
- Relative vapour density: not available
- Particle characteristics: not available

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

SECTION 10: Stability and reactivity (....)

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat

10.5 Incompatible materials

- None

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

3-Butoxypropan-2-ol

LD_{50} (oral, rat): 3300 mg/kg
LC_{50} (inhalation, rat): >3.5 mg/l/4h
LD_{50} (skin, rabbit): 2000 mg/kg

Isotridecanol, ethoxylated

LD_{50} (oral, rat): >300-2000 mg/kg
LD50 (dermal rabbit) : >2000 mg/kg

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

LD_{50} (oral, rat): >2000 mg/kg
LD_{50} (skin, rabbit): >5000 mg/kg

Skin corrosion/irritation

May cause irritation

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on the available data, the classification criteria are not met

Germ cell mutagenicity

No evidence of mutagenic effects

Carcinogenicity

No evidence of carcinogenic effects

Reproductive toxicity

No evidence of reproductive effects

STOT (specific target organ toxicity) - single exposure

Based on the available data, the classification criteria are not met

SECTION 11: Toxicological information (....)

STOT (specific target organ toxicity) - repeated exposure

Based on the available data, the classification criteria are not met

Aspiration hazard

Not applicable

11.2 Information on other hazards

- Not available

SECTION 12: Ecological information

12.1 Toxicity

3-Butoxypropan-2-ol

LC_{50} (fish): 560-1000 mg/l (96 hr)
EC_{50} (Daphnia magna): >1000 mg/l (48 hr)
IC_{50} (algae): >1000 mg/l (96 hr)

Isotridecanol, ethoxylated

EC_{50} (Daphnia magna): 1-10 mg/l (48 hr)
IC_{50} (algae): >1-10 mg/l (72 hr)
IC_{50} (bacteria): 140 mg/l

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

LC_{50} (fish): 0.22 mg/l (96 hr)
EC_{50} (Daphnia magna): 6.7 mg/l (48 hr)
IC_{50} (algae): 3.2 mg/l (72 hr)

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulative potential

- Low bioaccumulation potential

12.4 Mobility in soil

- Soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- No information available

SECTION 13: Disposal considerations

Do not discharge into drains or the environment, dispose to an authorised waste collection point

Disposal should be in accordance with local, state or national legislation

SECTION 13: Disposal considerations (....)

SECTION 14: Transport information

Not classified as hazardous for transport

SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

15.2 Chemical safety assessment

- Not available

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H301: Toxic if swallowed. H302: Harmful if swallowed. H310: Fatal in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H330: Fatal if inhaled. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

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