

MATERIAL SAFETY DATA SHEET**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

SUPPLIER: METPREP LTD.
CURRIERS CLOSE
CHARTER AVENUE
COVENTRY CV4 8AW

TELEPHONE: PRODUCT INFORMATION: 024 7642 1222

FAX: 024 7642 1192

CHEMICAL NAME:

PRODUCT: ULTRACLEAN II

PRODUCT NUMBERS: 18 00 04

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL COMPOSITION: A complex emulsion of anionic and non-ionic surface active agents in an aqueous polyhydric alcohol base, producing a near neutral concentrate.

| INGREDIENT (S): | CAS NUMBER: | % |
|-----------------|-------------|---|
|-----------------|-------------|---|

3. HAZARDS IDENTIFICATION

Non hazardous.

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES: In general, no special measures required.

INHALATION: Remove to fresh air. Get medical help if discomfort persists.
EYES: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
SKIN: Wash with soap and water. Get medical help if discomfort persists.
INGESTION: If ingested, drink copious amounts of fresh water and seek immediate medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHER METHOD: Water spray, carbon dioxide, dry chemical, foam

UNSUITABLE METHODS: Water with full jet

SPECIAL FIRE FIGHTING PROCEDURES: No special measures required

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSON RELATED SAFETY PRECAUTION: Avoid eye and skin contact.
MEASURES FOR ENVIRONMENTAL PROTECTION: Dispose of in accordance with local authority guidelines.
MEASURES FOR CLEANING/COLLECTING: Absorb large spillage with sand or any suitable medium.
ADDITIONAL INFORMATION: Small spillage may be flushed away with plenty of water to a drain or sewer.

7. HANDLING AND STORAGE

MATERIAL SAFETY DATA SHEET

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid contact with eye or skin. Use glass, ceramic, plastic or stainless steel vessels for working solutions.

INFORMATION ABOUT FIRE- AND EXPLOSION PROTECTION: No special measures required.

PRECAUTIONS TO BE TAKEN IN STORAGE: Store the concentrate at ambient temperature, out of direct sunlight, sealed in the container in which it is supplied.

STORAGE TEMPERATURE: Preferably not exceeding 35 ° C.

OTHER PRECAUTIONS: Wash thoroughly after use and before eating or smoking.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:
HAZARDOUS INGREDIENT (S) - None

PERSONAL PROTECTIVE EQUIPMENT

GENERAL PROTECTIVE AND HYGIENE MEASURES: The usual precautionary measures are to be adhered to when handling chemicals.

RESPIRATORY PROTECTION (SPECIFY TYPE): Not necessary if room is well ventilated.

VENTILATION: Local exhaust at processing equipment.

PROTECTIVE GLOVES: Protective gloves.

EYE PROTECTION: Safety glasses or chemical splash goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: viscous liquid concentrate

COLOUR: Pale Yellow

ODOUR: Faint odour

MELTING POINT: -25 °C

BOILING POINT: 102.1 °C

VAPOUR PRESSURE: 16.1 mm Hg at 20 °C

PERCENT VOLATILE W/W%: NA

DENSITY: 1.019 g/cm³

EVAPORATION RATE: 0.40

FLASH POINT: NA

FLAMMABILITY: Product is not flammable

VISCOSITY: 55.0 cps at 23 °C

FLAMMABLE LIMIT, AIR VOL % LOWER: NA
UPPER: NA

SOLUBILITY IN WATER: Totally soluble in water. Compatible with organic solvents

PH: The concentrate has a pH of 7.3 typically

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID): Not compatible with oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION:

| |
|-----------------------------------|
| MATERIAL SAFETY DATA SHEET |
|-----------------------------------|

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

LD/LC50 VALUES RELEVANT FOR CLASSIFICATION:

No known evidence of carcinogenicity, mutagenicity or reproductive toxicity

PRIMARY IRRITANT EFFECT:

ON THE SKIN:

ON THE EYE:

SENSITISATION:

ADDITIONAL TOXICOLOGICAL INFORMATION: Is not considered toxic, however, it should not be ingested.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY:

ECOLOGICAL TOXICITY: Ultraclean II is biodegradable. Ready biodegradability by OECD 301E

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose of in accordance with regional and/or national regulations.

14. TRANSPORTATION INFORMATION

NON-HAZARDOUS

SHIPPING NAME:

15. REGULATORY INFORMATION

LABELLING ACCORDING TO EU GUIDELINES:

NON HAZARDOUS

| | | |
|-----------------------|---------------|--|
| Risk phrase numbers | R36/38 | Irritating to the eyes and skin |
| Safety phrase numbers | S24/25 S26 | Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |

16. OTHER INFORMATION

None

The data sheet was prepared in accordance with Directive 91/155/EEC

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied. MetPrep Ltd. shall not be held liable for any damage resulting from the handling of or contact with the above product.