

SAFETY DATA SHEET

PAGE 1

24/4/01

SECTION 1 – IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT NAME - **ORB METHYL ETHYL KETONE**

COMPANY DELTA PRESSROOM PRDUCT LTD
C1/C2 WELLINGTON RD IND ESTATE
LEEDS LS 12 2UA

EMERGENGY TELEPHONE No 0113 234 9944

INTENDED USE - STRONG SOLVENT FOR USE IN LITHOGRAPHIC PRINTING

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT | % | CAS No | SYMBOLS/R- PHRASES | LTEXP(8HRS) |
|--------------------|-----|---------|--------------------|-------------|
| MethylEthyl Ketone | 100 | 78-93-3 | F,Xi R11,R36/37 | 200ppm |

SECTION 3 – HAZARDS IDENTIFICATION

HEALTH HAZARD DATA – The product may be irritating to eyes and skin. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

SAFETY HAZARD DATA - The product is highly flammable

ENVIRONMENTAL HAZARD DATA- the product not be allowed enter the surface water drain, sewers or ground.

SECTION 4 – FIRST AID MEASURES

INGESTION - DO NOT INDUCE VOMITING. Wash out mouth with water. Give water or milk to drink, seek medical aid

INHALATION Move to fresh air,keep patient warm and seek medical aid
Administer artificial respiration if breathing has stopped

EYES - Flush with water for at least 15 minutes, seek medical aid

SKIN Remove contaminated clothing. Wash skin thoroughly with water.
Seek medical aid if irritation persists.

Keep affected person away from heat,sparks and flames

SECTION 5- FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA- CO₂, Foam, Dry Powder, Water spray.DO NOT USE WATER JET
- FIRE FIGHTING HAZARDS - Smoke.May cause explosion in a fire. Will produce toxic fumes when heated.
- SPECIAL PRECAUTIONS - For large fires wear self-contained breathing apparatus

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Soak up with absorbent material and remove to a container, which can be sealed. See sections 8 and 13
Eliminate all sources of ignition. Prevent solvent from entering sewers,watercourses and low areas.

SECTION 7 – HANDLING AND STORAGE

Do not store in plastic containers. Take precautionary measures against static discharges.
Store in a cool, well-ventilated place. Keep containers closed.
Avoid heat sparks and flames.
Earth vessels,containers and transfer equipment.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear chemical resistant gloves made from Butyl rubber. Wear goggles or face protection

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

FORM- liquid- DENSITY 0.81 @ 20°C FLAMMABILITY –COMBUSTIBLE AT 55°C Flash Pt. -5°C
COLOUR colorless ----VAPOUR PRESSURE 9.99KPa --- AUTO IGNITION TEMP 515°C
ODOUR – pungent --- WATER SOLUBILITY 26% --- pH N/A
BOILING POINT/RANGE 79-81°C

SECTION 10 – STABILITY / REACTIVITY

STABILITY UNDER NORMAL CONDITIONS – Stable
CONDITIONS/MATERIALS TO AVOID – Heat,flames and sparks.Do not store with oxidising agents.
Do not store in plastic containers
HAZARDOUS DECOMPOSITON PRODUCTS – Smoke and Oxides of Carbon

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxic dose LD 50 (oral rat) 3400 mg/kg
INGESTION – May cause internal irritation
INHALATION –High concentrations of vapour may cause irritation to the respiratory system.Excessive exposure may cause headache, dizziness nausea and impaired co-ordination.
EYES – Will be irritating to eyes and mucous membranes.
SKIN – Repeated or prolonged contact will cause irritation,dematitis.

SECTION 12 – ECOLOGICAL INFORMATION

The product is expected to biodegrade rapidly and is biodegradable according to OECD guidelines.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose according to local authority instructions/regulations. Recover and recycle if possible. Otherwise incineration

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME – ethyl methyl ketone

UN No 1193 UN PACKING GROUP II MARINE POLLUTANT no

IATA/ICAO Class/Packing group 2 IATA/ICAO Symbol Flammable Harmful

SECTION 15 – REGULATORY INFORMATION

WARNING SYMBOLS

HARMFUL Xn
FLAMMABLE F

RISK AND SAFETY PHRASES

R11 Highly flammable
R36/37 irritating to eyes and respiratory system

S9 Keep container in a well ventilated place
S16 Keep away from sources of ignition-no smoking
S25 avoid contact with eyes
S 62 If swallowed, do not induce vomiting. Seek medical advice immediately and show this label
S33 take precautionary measures against static discharges

SECTION 16- OTHER INFORMATION

See product bulletins for information on use.

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