



Cavendish Limited

Address: P.O. Box 55972
1704, Business Tower, Al Abraj
Street, Business Bay, Dubai, UAE
Phone: +971 4 456 3536
Fax: +971 4 456 3369
www.cavendish.ae

MATERIAL SAFETY DATA SHEET

SECTION – I (IDENTIFICATION)

EXPORTER:

Cavendish Limited
P.O. Box 55972
1704, Business Tower, Al Abraj Street,
Business Bay, Dubai, UAE

EMERGENCY TELEPHONE NUMBER:

+971 4 456 3536 / +971 4 368 9941

CHEMICAL / BOTANICAL / TRADE NAMES AND SYNONYMS:

ETHANOL or ETHYL ALCOHOL or EXTRA NEUTRAL ALCOHOL or GRAIN ALCOHOL

SECTION – II (FIRE, EXPLOSION AND REACTIVITY DATA)

Flash Point Closed Cup Method	: 13° C
Extinguishing Media	: Carbon dioxide, Dry chemical powder or appropriate foam
Dot Hazard Classification	: INFLAMMABLE
Special Fire Fighting Procedure	: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to cool fire-exposed containers.
Unusual Fire & Explosion hazards	: Vapor may travel considerable distance to the source(s) of ignition and may flash back.
Hazardous Combustible or Decomposition Products	: Carbon mono-oxide and Carbon di-oxide
Stability	: Stable in normal condition
Condition to Avoid	: Open flame, ignition sources and excess heat
Material to Avoid	: Oxidizing Agents, Peroxides, Acids, Ammonia and Alkali Metals
Hazardous Polymerization Product	: Not Applicable

SECTION – III (PHYSICAL DATA)

Odour, Appearance and Physical state	: Characteristic odour, Colourless liquid
Boiling point	: 78.4° C
Melting point	: (-)112° C
Specific gravity (H ₂ O-1)	: 0.8075
Vapor Pressure	: 44.6 mm at 20° C
Vapor Density (Air-1)	: Not Known
Solubility in H ₂ O	: Infinite



Cavendish Limited

Address: P.O. Box 55972
1704, Business Tower, Al Abraj
Street, Business Bay, Dubai, UAE
Phone: +971 4 456 3536
Fax: +971 4 456 3369
www.cavendish.ae

SECTION – IV (PROTECTION AND INFORMATION)

- Respiratory : Follow the OSHA respiratory regulation found in 29 CFR 1910:134 or European standard EN149. Always use a NIOSH or European standard approved respirator when necessary.
- Ventilation : Use adequate ventilation to keep air borne contamination low.
- Eye : Wear safety goggles
- Other protective devices or Procedures : Chemical resistant gloves and other protective clothing should be used at all times.

SECTION – V (OCCUPATIONAL EXPOSURE LIMIT)

- Threshold Limit Value (TLV) : 1000 mg/m3
- Osha Permissible Exposure Limit : Not Available

SECTION – VI (HEALTH HAZARD INFORMATION)

- Irritation information : Vapor may cause irritation to eyes

SECTION – VII (EMERGENCY AND FIRST AID PROCEDURES)

- Inhalation exposure : Vapour may cause drowsiness and dizziness. Remove exposed personnel to fresh Air immediately. If case of breathing difficulties, provide artificial respiration.
- Procedure for eyes : Wash with plenty of water
- Skin contact : Wash with water
- Other ingestions : Possible aspiration hazard. May cause irritation to digestive tracts. Vomiting may occur spontaneously. Seek medical aid.

SECTION – VIII (SPILL, LEAK AND DISPOSAL PROCEDURES)

- Precaution : Shut off all the sources of ignition. Evacuate area. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb-on sand or vermiculite and placed in closed containers for disposal. Do not use combustible materials such as saw dust. Use non sparking tools.



Cavendish Limited

Address: P.O. Box 55972
1704, Business Tower, Al Abraj
Street, Business Bay, Dubai, UAE
Phone: +971 4 456 3536
Fax: +971 4 456 3369
www.cavendish.ae

SECTION – IX (HANDLING AND STORAGE PROCEDURES)

Store in a cool, dry and well ventilated area in closed containers. Do not expose to temperatures over 36⁰ C. Seek safety shower and eye bath. Do not breathe vapors. Keep away from excess heat, sparks and open flame.

SECTION – X (IMDG CLASSIFICATION)

IMDG Code Page : 3219
UN No. : 1170
Class : 3
Packaging Group : II
Ems No. : F-E S-D
MFAG table No. : 305
MBPT Category : AB

SECTION – XI (COMPOSITION / INFORMATION ON INGREDIENTS)

Alcohol : 96% v/v to 96.5% v/v
Water : 4% - 3.5% v/v

Ingredients used while manufacturing the products is extra neutral alcohol & water. Packed in HDPE Barrels/Drums of 250 Liters /235 Liters Capacity

PACKAGING TYPE

250 Liters HDPE Barrels/HDPE Drums

235 Liters HDPE Barrels/HDPE Drums

UN APPROVED TEST NO

1H1/Y 1.2/100/0607
IND/00816042

1H1/Y 1.67/100/1206
IND/00815272

SECTION – XII (PHYSICAL AND TECHNICAL DATA)

Odour, Appearance and Physical state : Characteristic odour, Colourless liquid

It is in liquid form having alcoholic strength 96.5% v/v, inflammable and evaporated on air contact.



Cavendish Limited

Address: P.O. Box 55972
1704, Business Tower, Al Abraj
Street, Business Bay, Dubai, UAE
Phone: +971 4 456 3536
Fax: +971 4 456 3369
www.cavendish.ae

SECTION – XIII (DISPOSAL CONSIDERATIONS)

Inform Asst. Manager of Haz Cargo in case of packages getting damaged or becoming leaky during the handling or storage. Shut off all the sources of ignition. Evacuate area. WEAR self-contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb-on sand or vermiculite and placed in closed containers for disposal. Do not use combustible materials such as saw dust. Use non-sparking tools. Ventilate the container and avoid exposure of the Dangerous goods.

SECTION – XIV (ACCIDENTAL RELEASE MEASURES)

Packing should be in sound condition as required by the IMDG code; Packages containing Dangerous goods shall be provided with Distinctive label; Use personal protective Equipment while handling the goods. Storage of dangerous goods shall be inspected regularly and periodically by a competent authority. Do not eat or rest near the storage and handling area of dangerous goods.

Material Safety Data Sheet is prepared by:
Quality Control Department
Cavendish Limited
Dubai, UAE