

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: DUAL FUEL HYPER CLEAN

Product code:

Use / description of product: Harmful. Liquid.

Company name: Central Solutions (GB) Ltd
Askern Industrial Estate
Moss Road
Askern
Doncaster
DN6 0DD
Tel: +44 (0) 1302 708895
email: info@solxsolutions.com
www.solxsolutions.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: 2-BUTOXYETHANOL >95%
CAS: 111-76-2
EINECS: 203-905-0
[Xn] R20/21/22; [Xi] R36/38;

3. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation, in contact with skin and if swallowed. Irritating to respiratory system.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting. There may be loss of consciousness. Convulsions may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness. Convulsions may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious,

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check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: 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.

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

Clean-up procedures: Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

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

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients: 2-BUTOXYETHANOL
TWA (8 hr exposure limit): 123 mg/m³

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC. Ensure safety shower is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Blue

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Flash point°C: 65

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Ingredients: 2-BUTOXYETHANOL
ORL RAT LD50 470 mg/kg

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS**

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

14. TRANSPORT INFORMATION**ADR / RID**

UN no: Not Classified as hazardous	ADR Class: Not Classified as hazardous
Hazard ID no: Not Classified as hazardous	Labelling: Not Classified as hazardous

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



Risk phrases: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R37: Irritating to respiratory system.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk phrases used in s.2: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.

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.