

1. IDENTIFICATION OF THE COMPANY AND PRODUCT

PRODUCT NAME: INJECTION CORRECTION FUEL SYSTEMS CLEANER

Address/Phone No: INJECTION CORRECTION
11a Church Place
Brighton
East Sussex BN2 5JN
England
Tel: 07860 167304

Emergency Phone No: **IN AN EMERGENCY DIAL 999**
For specialist advice in an emergency
(office hours) telephone the company direct.

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION

Butyl Glycol: Trade names Butyl Oxitol,

HAZARDOUS INGREDIENT	CAS No.	%ww	Symbol	R phrases
2 Butyl glycol	111-76-2	80%	Xn	R20/21/22
Ethoxylates	20%

3. HAZARDS IDENTIFICATION

Harmful

4. FIRST AID MEASURES

General Information	Remove immediately any clothing soiled by the product.
Inhalation	Remove to fresh air but do not walk. If not breathing give mouth to mouth resuscitation. Keep patient warm. Consult Doctor if symptoms persist.
Skin contact	Wash with water and acidic soap. If skin irritation continues, consult a Doctor.
Eye contact	Rinse opened eye for several minutes under running water. Then Consult a Doctor.
Ingestion	Rinse out mouth and then drink plenty water. Do not induce vomiting; call for medical help immediately.

5. FIRE-FIGHTING PROCEDURES

Extinguishing Media	Alcohol resistant foam. Water haze, dry powder, Carbon Dioxide.
Unusual fire hazards	Gives off Carbon Dioxide
Protective equipment	Wear self-contained respiratory protective device.

Additional information Dispose of fire debris and contaminated water in accordance with regulations. Cool endangered receptacles with water spray.

6. ACCIDENTAL RELEASE MEASURES

Safety precautions Personnel should wear protective clothing. Ensure adequate ventilation

Environmental protection Do not allow to enter sewers/surface ground water

Measures for cleaning Absorb with liquid binding material e.g. sand, diatomite clay, acid binders, universal binders, sawdust.

Disposal Dispose of contaminated material according to item 13.

7. HANDLING AND STORAGE

Usage precautions Ensure good ventilation at the work place.

Fire Risk Protect against electrostatic discharge. Avoid sources of ignition. Do not smoke.

Storage requirements Store in a cool location. Keep container tightly sealed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Short term OES 50ppm Long term OES 25ppm Sk 10 OELV

Protective gloves Wear protective gloves made of Butyl Rubber, BR recommended thickness >0.5mm. Fluorocarbon rubber (Viton). Unsuitable gloves are natural rubber, PVC, Nitrile rubber, Chloroprene rubber.

Eye protection Wear chemical safety goggles or safety glasses where eye exposure is reasonably probable.

Respiratory protection Use suitable respiratory device in case of insufficient ventilation

9. PHYSICAL DATA

of Ethoxy Ethanol

Form Oily

Colour Colourless

Odour Characteristic

Melting point -70.4° C

Boiling range 168-173° C

Flash point 67° C

Auto Ignition temp. 240° C

Explosive hazard Product not explosive, however formation of explosive air/vapours is possible.

Explosion limits

Upper 1.1% vol.

Lower 10.6% vol.

Vapour pressure @ 20° C 0.8 hPa

Density@ 20° C 0.9 g/cm³

Vapour density @ 20° C 4.1 g.cm³

Solubility Fully miscible with water

Segregation Co-efficient 0.8 log POW (n-Octanol/water)

Viscosity Dynamic @ ° C 3.3 mPas

15. REGULATORY INFORMATION

Labelling	EU Guidelines – The product has been classified and marked in accordance with EU directives/ Ordinance on hazardous material.
Hazard	Xn- harmful
Risk Phrases	R20/21/22 - Harmful by inhalation, in contact with skin & if swallowed. R36/38 – Irritating to eyes & skin
Safety Phrases	S36/37 – Wear suitable protective clothing and gloves. S46 – If swallowed, seek medical advice immediately and show this information or container label.
Technical instructions (air)	Class II Share in % 100

16. DISCLAIMER

The information provided is based on our present state of knowledge of the product and is given good faith and to the best of our experience. However, it should not be construed as a technical specification or guaranteeing specific properties. In no event we will be responsible damages or effects of any nature whatsoever, either expressed or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of

10. STABILITY AND REACTIVITY

Thermal decomposition	No decomposition if used according to specifications.
Dangerous reactions	Reacts with strong oxidising agents, acids, and strong alkali. Reacts with light alloys to form Hydrogen.
Decomposition products	Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD/LC50 values relevant for classification.
	Oral LD50 >200-2000mg./kg (rat)
	Dermal LD50>400-2000 mg./kg (rabbit)
	Inhalative LC50.4h 2-20 mg/l (rat)
Primary irritant effect	Skin- No irritant effect Eyes-No irritating effect Sensitisation- No sensitising effects known.

12. ECOLOGICAL INFORMATION

Persistence in the environment	Degradability – Degree of elimination OECD 302B > 90% (DOC)
Degradability	The product is easily bio-degradable.
Bioaccumulation	Very slight bio-accumulation.
Ecotoxicological effects	Aquatic toxicity LC/EC/IC 5 >1000mg/l (fish) >100mg/l (algae)
Water hazard	Slightly hazardous for water. Do not allow product to reach sewage system, or water course.

13. DISPOSAL CONSIDERATIONS

Product recommendation	Must not be disposed of together with household waste. Do not allow to reach sewage system.
Packages	Disposal must be in accordance with official regulations.
Cleansing agents	Water, if necessary with cleansing agents.

14. TRANSPORT INFORMATION