

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Natrusol (Environmentally Safe Degreaser)
Supplier: Biosafe Solutions Ltd

2 INFORMATION ON INGREDIENTS

Product Description: A blend of glycol ethers and Orange Terpene.

Hazardous Ingredients:

Material or Component

Orange Terpene

Propylene glycol ether

Cas No

8028-48-6

34590-94-8

% Range

30-50

30-70

Symbol

Xn

Not Classified as hazardous

Risk Phrases

10,38,65,52/53

3 HAZARDS IDENTIFICATION

Harmful: May cause lung damage if swallowed. Flammable. Irritating to skin. Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environment.

4 FIRST AID MEASURES

Eyes: Immediately irrigate with eyewash or clean water, holding the eyelids apart for at least 10 minutes. Obtain immediate medical attention.

Skin: Remove contaminated clothing. Wash off immediately with water. Obtain medical attention.

Ingestion: Do not induce vomiting. Give plenty of milk or water to drink and obtain medical attention, showing the label.

Inhalation: Remove patient from exposure. Obtain medical attention if symptom persists.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Small fires: Carbon dioxide, dry chemical, alcohol resistant foam, sand, earth or mist/fog.

Large fires: Alcohol resistant foam or water fog.

Protective Equipment for Fire Fighting: Protective clothing and breathing apparatus. Keep surrounding area cool by spraying with water to minimise the risk of other containers bursting.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Immediately extinguish any sources of ignition. Do not use any equipment which may cause a spark or static discharge. Avoid inhaling vapour. Wear suitable protective clothing.

Environmental Precautions: Do not let the liquid enter ground or surface waters.

Spillages: Absorb in large quantities of sand, earth or other suitable absorbent material. Transfer to containers or plastic bags for disposal according with local regulations.

7 HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin.

Storage: Store away from heat, flame and other sources of ignition. Containers should be tightly closed and clearly labelled.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Respiratory Protection: Ensure good ventilation.

Hand Protection: Use nitrile gloves and always wash thoroughly after handling chemicals.

Eye Protection: Eye protection recommended.

Skin Protection: Use barrier cream on exposed areas and wear nitrile gloves. Wear overalls and plastic or rubber gloves.

Environmental controls: Users should be aware of environmental considerations and their duties under the environmental protection act. Further advice may be found on various government websites: eg www.dti.gov.uk/access/index.htm and www.envirowise.gov.uk

Occupational Exposure Limits:

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour: Clear Pale Amber liquid

Odour: Citrus

pH Value:	N/A
Boiling Range (°C):	100-104
Melting Point (°C):	No Data
Flash Point (°C):	57
Auto Ignition Temp. (°C):	237
Explosive Limits in Air:	Upper limit 6.1%, Lower limit 0.7%
Vapour Pressure @20°C:	No Data
Relative Density @20°C:	0.90
Water Solubility:	Insoluble
Other Data:	

10 STABILITY AND REACTIVITY

Conditions to Avoid:	All sources of heat and ignition.
Materials to Avoid:	Strong oxidising agents and acids.
Hazardous Decomposition:	Oxides of carbon.

11 TOXICOLOGICAL INFORMATION

Eye Contact:	Irritation
Skin Contact:	Irritation on prolonged contact
Ingestion:	May cause lung damage if swallowed.
Inhalation:	Low hazard in normal use
Orange Terpenes	LD50 >5000mg/kg Oral rat

12 ECOLOGICAL INFORMATION

Biodegradability:	Moderately biodegradable.
Aquatic Toxicity:	
Orange Terpenes	EC50 Daphnia magna 48hr=12.3mg/l
Mobility:	Not Water soluble.

13 DISPOSAL CONSIDERATIONS

Product:	Via an authorised waste disposal contractor to an approved waste disposal site, observing local and national regulations.
Packages:	As product.

14 TRANSPORT INFORMATION

Classification for Transport:	Flammable
UN Number:	1993
UN Proper Shipping Name:	Flammable liquid, not otherwise specified
ADR/RID Class:	3.3
ADR/RID Item No.:	-
IMDG Packaging Group:	III
IMDG Class:	3.3

15 REGULATORY INFORMATION

EEC Classification:	Harmful, May cause lung damage if swallowed, Xn. Flammable, F.
Risk Phrases:	R10, Flammable liquid. R36/38, Irritating to eyes and skin R65, Harmful: May cause lung damage if swallowed R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environment.
Safety Phrases:	S24/25, Avoid contact with eyes and skin. S37/39, Wear suitable gloves and eye/face shield. S60, This material and its container must be disposed of as hazardous waste. S62, If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC
Conforms to CHIP 3 (2002)
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