



Mixture B

Safety Data Sheet

(17th April 2012)

(version 1)

Product Identification

Trade Name: Mixture B
Description: Improves herbicidal activity and uptake.
Chemical Emergency Agency Services (24hr): 01865 407 333.

Hazardous Ingredients

Component	CAS No.	EINECS No.	Classification	Conc.
Alcohol Ethoxylate 3	68131-39-5		[Xi] R41; [N] R50	30-50%
Alcohol Ethoxylate 7	68131-39-5		[Xi]R41; [-]R52;[Xn]R22	30-50%
PEG-200	25322-68-3			10-30%
Propan-2-ol	67-63-0	200-661-7	[F]R11; [Xi]R36; [-]R67	1-10%

Hazard Identification

Main Hazards: Risk of serious damage to eyes. Very toxic to aquatic organisms.
Workplace Exposure Limits: This substance does not have a workplace exposure limit.
PBT: This substance is not identified as a PBT substance.
Directive 1999/45/EC: This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

Emergency and First Aid

After Eye Contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
After Skin Contact: Remove all contaminated clothes and footwear immediately unless attached to skin. Wash immediately with plenty of soap and water.
After Ingestion: Wash out mouth with water. Consult a doctor.
After Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Fire Fighting Measures

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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.

Accidental Release Measures

Personal Precautions: If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent escape of liquid.
Environmental Precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean up Methods: Absorb into dry earth or sand. Transfer to closable, labelled salvage container for disposal by an appropriate method.



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Handling and Storage

Handling:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Storage:	Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Keep in original container.

Exposure Control/Personal Protection

Hazardous Ingredients:	PROPAN-2-OL UK – 8hr TWA: 999mg/m ³ UK – 15min STEL: 1250mg/m ³
Engineering Measures:	Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquid.
Respiratory Protection:	Self-contained breathing apparatus must be available in case of emergency.
Hand/Skin Protection:	Wear protective clothing and gloves.
Eye Protection:	Safety glasses. Ensure eye bath is to hand.

Stability and Reactivity

Stability:	Stable under normal circumstances.
Conditions to Avoid:	Heat . Protect from cold weather.
Materials to Avoid:	Strong oxidising agents. Acids. Bases.
Hazardous Decomposition Products:	In combustion emits toxic fumes.

Toxicological Information

Risk of serious damage to eyes.

Waste Disposal

Transfer to a suitable container and arrange for collection by specialised disposal company. Dispose of the packaging as normal industrial waste. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Ecological Information

Assessment largely or completely based on data for active ingredient.	
Persistence and Degradability:	Not biodegradable.
Mobility:	Readily absorbed into soil.
Bioaccumulative Potential:	Bioaccumulation potential.
Other adverse Effects:	Toxic to aquatic organisms. Toxic to soil organisms.

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Physical and Chemical Properties:

Appearance:	Colourless liquid.
Odour:	Negligible.
pH:	6-8.
Water Solubility:	Miscible.
Density:	1.0g/ml

Transport Information

ADR Class	9.
Packing Group:	III.
UN No:	3082.
Classification Code:	M6.
Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOL ETHOXYLATE 3; ALCOHOL ETHOXYLATE 7).
Labelling:	9.
Hazard ID no.:	90

Regulatory Information

Hazard Symbols:	Xi: Irritant N: Dangerous to the environment.
Risk Phrases:	R41: Risk of serious damage to eyes. R50: Very toxic to the aquatic environment.
Safety Phrases:	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39: Wear eye/face protection. S61: Avoid release to the environment. Refer to special instructions / safety data sheets.
Risks Phrase Used Within Doc.:	R41: Risk of serious damage to eyes. R50: Very toxic to aquatic organisms. R52: Harmful to aquatic organisms. R22: Harmful if swallowed. R11: Highly flammable. R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness.

Disclaimer

The information in this document is offered for general health and safety guidance only and is not intended to be a definitive source of advice, nor does it constitute a risk assessment, for which the user is responsible. All information provided in this document is believed to be accurate to the best of our knowledge. Users of the products referred to should observe the recommendations, conditions and instructions relating to any relevant product label, usage information, consent or approval in force at the time. Further and more specific information may be obtained from the supplier on request (small fee may be required for this service). This company shall not be held liable for any damage resulting from handling or from contact with the above product