

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product trade name: Eumulgin S 21.

Product name: Emulsifying Wax.

Synonyms:

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: CHEMICAL: Polyethoxylated Alcohol .

CAS No:	Status:	CoE No:	FEMA:
Additives:	FDA:	IFRA:	RTECS:
Formula:	RIFM:	EINECS:	
INCI name: Steareth-21	FCCIV:		

3. HAZARDS IDENTIFICATION:

Contains no hazardous ingredients (93/112/EEC).

INHALATION:	Not expected to be a hazard in normal conditions of use.
EYE CONTACT:	Not expected to be a hazard in normal conditions of use.
SKIN CONTACT:	Not expected to be a hazard in normal conditions of use.
INGESTION:	Low acute toxicity.

4. FIRST-AID MEASURES:

INHALATION:	Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell
EYE CONTACT:	Wash out eyes with plenty of water. Obtain medical attention if soreness and redness persists.
SKIN CONTACT:	Wash skin with soap and water. Remove contaminated clothing. Obtain medical attention for thermal burns. Wash or dry-clean contaminated clothes before re-use.
INGESTION:	Wash out mouth with water. Give 200-300ml (half pint) of water to drink. Keep warm and at rest. Seek medical attention.
ADVICE TO PHYSICIANS:	Treat Symptomatically.

5. FIRE FIGHTING MEASURES.

COMBUSTIBLE BUT NOT READILY IGNITED.

EXTINGUISHING MEDIA :	Use water spray, carbon dioxide, foam or dry chemical..
SPECIAL MEASURES:	Avoid inhalation of fumes. Use NIOSH approved and full protective equipment when fighting chemical fire. Use water spray to cool nearby exposed to fire.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:	Wear appropriate RPE. See section 8.
ENVIRONMENT PRECAUTIONS:	Advise authorities if product has entered water course or has contaminated soil or vegetation.
CLEAN UP PROCEDURE	Construct temporary dikes with any suitable inert material to prevent product spreading. Stop escape of material. Allow to solidify. Transfer to suitable containers for recovery or disposal. Wash spillage area with water.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.
STORAGE CONDITIONS (SOLID):	Store in cool, dry conditions at a temperature well below melting point. Do not store near strong oxidising agents which could aggravate any fire situation. Keep away from sources of ignition.
SUITABLE CONTAINERS:	Plastic, plastic lined or stainless steel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Not normally required.
SKIN PROTECTION:	Rubber or plastic gloves. Protective overalls. Safety shoes/boots.
EYE PROTECTION:	Use safety glasses/goggles.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling. Do not eat, drink or smoke around this product.
OCCUPATIONAL EXPOSURE:	No Occupational Exposure Limits Assigned.

9. PHYSICAL & CHEMICAL PROPERTIES.

APPEARANCE:	White waxy pellets, odourless.
BOILING POINT °C:	> 100
FLASH-POINT °C:	> 149
SOLUBILITY:	Soluble in water. Soluble in ethanol and toluene
POUR POINT:	38°C (aprox)
PH:	No data.
HLB:	15.3

10. STABILITY & REACTIVITY.

REACTIVITY:	May react with strong oxidants
STABILITY:	Stable in normal conditions.
CONDITIONS TO AVOID:	Combustion will generate hazardous decomposition components (carbon dioxide and carbon monoxide).

11. TOXICOLOGICAL INFORMATION.

INHALATION:	Unlikely to be hazardous by inhalation unless present as a dust.
INGESTION:	Unlikely to be hazardous if swallowed. Oral median Lethal Dose 2.07g.Kg (rat).
EYE CONTACT:	Practically non-irritant.
SKIN CONTACT:	Unlikely to cause skin irritation in man. Not a skin sensitiser.

12. ECOLOGICAL INFORMATION.

ENVIRONMENTAL FATE & DISTRIBUTION:	Soluble in water.
PERSISTENCE & DEGRADATION:	This surfactant complies with the minimum 80% biodegradability requirement of the EEC non-ionics directive 82/242. Chemical Oxygen Demand (COD) 2.23gO ₂ /g. Biological Oxygen Demand (BOD) 28 day/COD 30%. Dissolved Organic Carbon Removal (DOC removal) 72% Modified OECD 301C test.
EFFECT ON EFFLUENT TREATMENT:	This product is substantially removed in biological treatment Processes.
WGK NUMBER:	WGK2

13. DISPOSAL CONSIDERATIONS.

RECOMMENDATIONS:	Do not wash into drains. Do not mix with other waste materials. Dispose in accordance with all applicable local and national regulations. If necessary seek advice from local waste authority.
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14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
AIR (IATA):	n/a
SEA (IMDG)	n/a

15. REGULATORY INFORMATION.

LABEL REQUIRED:	No.
LABEL NAME:	
HAZARDS:	n/a
SYMBOLS:	n/a
RISK PHRASES:	n/a
SAFETY PHRASES:	n/a

16. OTHER INFORMATION.

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.