

Reference Number : 307/1; 307/5, 307/25 & 307/CART
Revision Date : 22 March 2011
Revision Number : 10
Material/Trade Name : ELIXAIR – SKYRESTORE(THICK)


1. SUBSTANCE IDENTIFICATION

Material/Trade Name : ELIXAIR - SKYRESTORE
Material Type : Solvent
Company : Elixair International Limited
Address : Roman Hill Business Park
Broadmayne
Dorchester - DT2 8LY - UK
Telephone : +44 (0) 1305 853019
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2. COMPOSITION

Substance	%w/w	Cas No	EEC No
Methoxy acetoxy propane(F:R10)	>30	108-65-6	203-603-9
3-butoxypropan-2-ol(Xi:R36/38)	5-15	5131-66-8	225-878-4
N-methyl pyrrolidone	15-30	872-50-4	212-828-1
2-aminoethanol	1-5	141-43-5	205-483-3
n-dodecyl mercaptan	1-5	112-55-6	203-984-1

3. HAZARD IDENTIFICATION

- a) Hazard Symbols : 
IRRITANT
- b) Risk & Safety : Flammable - Irritating to Skin - Irritating to Eyes
In case of contact with eyes, rinse immediately with plenty of water
Keep away from sources of ignition - no smoking

4. FIRST-AID MEASURES

- a) Inhalation : Remove from source of exposure. If symptoms persist, obtain Medical Advice. Give artificial respiration if necessary. In severe cases administer Oxygen; remove to fresh air.
- b) Eyes : Irrigate with water for at least 15 minutes. Get prompt medical attention.
- c) Skin : Wash with soap/cleanser and rinse with plenty of water. If irritation persists, obtain medical attention.
- d) Ingestion : Do not induce vomiting, give plenty of water to drink. Do not give milk or fats to drink. Seek medical attention if large amounts consumed.

5. FIRE-FIGHTING MEASURES

- a) Suitable Extinguishers : Carbon Dioxide (CO2) - Black /Alcohol Resistant Foam
Dry powder - Blue. Water Fog - Red.
- b) Unsuitable Extinguishers : Do not use water jets
- c) Hazardous Decomposition : May create Oxides of carbon. May decompose to form Sulphur
Oxides. May create Oxides of Nitrogen
- d) Special Procedures : Use approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- a) Exposure Controls : Eliminate all sources of ignition. Do not allow spill to enter drains and watercourses. Ventilate area. Isolate the spillage.
- b) Personal Protection : Wear suitable respiratory protection eg. EN405 FFA2 or EN140 A2. Wear suitable gloves such as Viton or Nitrile. If skin contamination is likely wear impervious overalls.
- c) Disposal Considerations : Absorb in inert material such as sand or absorbent granules. Scoop up and place in plastic container to wait transfer. Do not allow spill to enter drains/sewers/watercourses. Dispose of in accordance with Local Authority Regulations.

7. HANDLING AND STORAGE

- a) Handling : Ensure adequate ventilation. Do not wear contaminated clothing, launder before use. Avoid skin contact. Avoid eye contact. Keep away from heat and sources of ignition.
- b) Storage : Store in tightly closed labelled containers. Store in cool, dry, well ventilated area. Store away from Oxidising materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Hazardous Ingredients:

2-METHOXY-1-METHYLETHYL ACETATE

Workplace exposure limits:		Respirable dust		
	8 hour TWA:	15 min STEL:	8 hour TWA:	15 min STEL:
UK	274 mg/m ³	822 mg/m ³	-	-

N-METHYL PYRROLIDONE

UK	103mg/m ³	309mg/m ³	-	-
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2-AMINOETHANOL

UK	7.6mg/m ³	15mg/m ³	-	-
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9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	:	Thick gel
Odour	:	Slight amine odour
pH	:	9.5 – 11.5
Boiling Point/Range	:	115 C
Melting Point/Range	:	<0 C
Flash Point	:	56 C (Open Cup)
Flammability	:	Flammable
Auto-Ignition	:	<250 C
Oxidising Properties	:	None
Vapour Pressure	:	2.25 psi (116.4 mm Hg) at 37.8°C(100 F)
Relative Density	:	0.97
Solubility	:	Soluble in water
Partition coefficient	:	Not determined
Vapour Density	:	Not Determined
Evaporation Rate	:	0.2
Viscosity	:	16,000 – 22,000 cPs; @ 6/20RPM

10. STABILITY & REACTIVITY

Stability	:	Contains volatile solvent; Stable
Materials to Avoid	:	Oxidising agents
Conditions to Avoid	:	Sources of Ignition
Hazardous Decomposition Products	:	Oxides of Carbon

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms/routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed/immediate effects:	Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION

No adverse environmental effects foreseen. Ecotoxicity; contains volatile organic compounds. This product is inherently biodegradable, not expected to bio accumulate.


13. DISPOSAL CONSIDERATION

Dispose of in accordance with Local Authority Regulations

14. TRANSPORT INFORMATION

UNI/SI Number	:	1993. This number carries the proper shipping name of 'FLAMMABLE LIQUID N.O.S.'		
IMO	:	Class 3.3	Packing Grp : 111	Marine Pollutant : Yes
IATA/ICAO	:	Class 3	Packing Grp : 111	
ADR/RID	:	Class 3	Item	: 2301 45C
Transport Name	:	Flammable Liquid NOS (methoxy acetoxy propane)		
Hazchem/Kemler Code	:	30		

15. REGULATORY INFORMATION

a. Hazard Symbols	:	 IRRITANT		
b. Risk & Safety	:	R10: Flammable; R36/38: Irritating to skin; Irritating to eyes. S26: In case of contact with eyes, rinse immediately with plenty of water Keep away from sources of ignition - No smoking		
c. Other Regulations	:	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of National, International, Local regulations or provisions.		
d. Transport Information	:			
UNI/SI Number	:	1993		
IMO	:	Class 3.3	Packing Grp : 111	Marine Pollutant : Yes
IATA/ICAO	:	Class 3	Packing Grp : 111	
ADR/RID	:	Class 3	Item	: 2301 45C
Transport Name	:	Flammable Liquid NOS (methoxy acetoxy propane)		
Hazchem/Kemler Code	:	30		

16. OTHER INFORMATION

This Data Sheet is compiled to be of assistance but without guarantee. Users are responsible for safe working.