



SAFETY DATA SHEET

SALICYLIC ACID COLLODION

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: SALICYLIC ACID COLLODION
PART No.: M002
SUPPLIER: J M Loveridge plc
Southbrook Road, Southampton
Hampshire
SO15 1BH
Tel: 023 8022 2008
Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CELLULOSE NITRATE	<= 12.6% Nitrogen	F R-11	5-10 %
SALICYLIC ACID		Xn R-22, 36/37/38	10-30 %
69-72-7			
ETHANOL		F R-11	10-30 %
64-17-5	200-578-6		
METHANOL		T ,F R-11, 23/24/25, 39/23/24/25	1-5 %
67-56-1	200-659-6		
DIETHYL ETHER		Xn ,Fx R-12, 19, 22, 66, 67	30-60 %
60-29-7	200-467-2		

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION:

Highly flammable. Harmful if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES:

GENERAL: IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

INHALATION:	Move affected person to fresh air. If recovery not rapid, seek medical attention. If breathing stops, provide artificial respiration. Keep affected person warm and at rest.
INGESTION:	Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Keep patient at rest and obtain medical attention.
SKIN:	Remove contaminated clothing. Wash affected area with plenty of soap and water. Obtain medical attention. Launder clothing before re-use.
EYES:	Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Water spray, fog or mist. Alcohol resistant foam. Carbon dioxide (CO ₂). Dry chemicals, sand, dolomite etc.
SPECIAL FIRE FIGHTING PROCEDURES:	UNSUITABLE EXTINGUISHING MEDIA - high pressure water-jet. Use gentle application of water spray to keep exposed containers cool or to dissipate vapour. Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Forms explosive mixtures with air. May explode in a fire. May travel considerable distance to source of ignition and flash back.
HAZARDOUS COMBUSTION PRODUCTS:	Burning may release oxides of carbon and other hazardous gases or vapours.
PROTECTIVE MEASURES IN FIRE:	Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:	Wear appropriate protective clothing. Eliminate all sources of ignition. Do not breathe vapour or fumes.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Prevent contamination of soil, drains and surface water.
SPILL CLEANUP METHODS:	Accidental release measures - avoid ignition sources. Absorb small quantities with paper towels or other inert material and allow to evaporate in safe place (fume hood/cupboard). Ventilate well, if using engineering controls, ensure extraction equipment is to explosion/flameproof standard. Do not allow material to enter confined spaces such as sewers because of explosion risk.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Keep away from heat, sparks and open flame. Avoid vapour formation and ignition sources. Avoid vapour inhalation, skin and eye contact. Ensure good ventilation and local exhaust extraction in work place. Earth container and transfer equipment to eliminate accumulation of static charge.
STORAGE PRECAUTIONS:	Avoid direct sunlight. Store in a cool, dry, well ventilated place, in securely closed original container. Do not store for long periods or in large quantities. Do not store in uninhibited state. Prolonged contact with air may cause formation of explosive peroxides. May attack some plastics, rubber and coatings.

STORAGE CRITERIA: Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ETHANOL	64-17-5	OES	1000 ppm	No std.
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)
DIETHYL ETHER	60-29-7	OES	100 ppm	200 ppm

INGREDIENT COMMENTS:	Refer to the current edition of HSE Guidance Note EH 40/200* for occupational exposure limits;
VENTILATION:	Work in a fume cupboard or use local exhaust ventilation. Respiratory protection required in insufficiently ventilated working areas.
RESPIRATORS:	For short periods of work, a suitable RPE fitted with a combination charcoal or organic vapour cartridge is recommended.
PROTECTIVE GLOVES:	Use impervious gloves made of polyvinyl alcohol (PVA) or PTFE (teflon).
EYE PROTECTION:	Where the potential for eye contact exists, splash-proof goggles or face shield must be worn.
OTHER PROTECTION:	Use engineering controls to reduce air contamination to permissible exposure level. Engineering controls should be to explosion/flameproof standard. Wear personal protective equipment appropriate to the quantity of material handled. Wear protective clothing and closed footwear. Wear antistatic clothing.
HYGIENIC WORK PRACTICES:	DO NOT SMOKE IN WORK AREA! SKIN PROTECTION - use appropriate barrier cream to prevent defatting and cracking of skin.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Pale yellow viscous liquid.	
ODOUR/TASTE:	Characteristic, aromatic odour. Ether.	
VOLATILITY DESCRIPTION:	Highly volatile.	
FLASH POINT (°C):	- 10 °C	Method:

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use. However, liable to form explosive peroxides on exposure to light and air.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. Avoid accumulation of static electricity. Avoid storing in uninhibited state. Avoid contact with moisture, air and oxidising agents.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours. Incomplete combustion may form acetylene and water.

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE - LD 50:	1215 (ether) mg/kg (oral rat)
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TOXICOLOGICAL INFORMATION:	If inhaled, vapour passes rapidly into bloodstream and is carried into the brain producing symptoms similar to those of alcoholic intoxication. Elimination takes place rapidly via the lungs and urine.
HEALTH HAZARDS, GENERAL:	Vapour will irritate the membranes of nose, throat, lungs and eyes.
INHALATION:	Anaesthetic in high concentrations. Vapour is harmful on prolonged exposure or in high concentration.
INGESTION:	Swallowing concentrated chemical may cause severe internal injury.
SKIN:	Prolonged or repeated contact leads to drying of skin. May cause skin irritation.
EYES:	May cause severe irritation to eyes.
HEALTH WARNINGS:	Narcotic effect. CNS depressant.
ROUTE OF ENTRY:	Inhalation.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No specific data or information available regarding environmental impact. Waste from this product may present environmental hazard.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Absorb in vermiculite or dry sand, dispose in licensed special waste. This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.
WASTE CLASS:	WASTE CODE:0705** HAZARDOUS PROPERTY: H3-A, H5

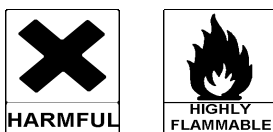
14. TRANSPORT INFORMATION:

ADR CLASS No.:	3
ADR CLASS:	Class 3: Flammable liquids.
ADR ITEM No.:	4°(a)
HAZARD No. (ADR):	33 Highly flammable liquid (flash-point below 23°C).
ADR MARGINAL:	2301
ADR LABEL No.:	3
HAZCHEM CODE:	2YE
PROPER SHIPPING NAME I:	NITROCELLULOSE SOLUTION, FLAMMABLE
PROPER SHIPPING NAME II:	Technical name - Collodion solution (contains diethyl ether and nitrocellulose)
UN No. SEA:	UN 2059

IMDG CLASS: 3.1
IMDG PAGE No.: 3138-2
IMDG PACK GR.: I
UN No., AIR: UN-ID 2059
ICAO CLASS: 3
AIR PACK GR.: I

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES: R-11 Highly flammable.
R-22 Harmful if swallowed.
R-66 Repeated exposure may cause skin dryness or cracking.
R-67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES: S-16 Keep away from sources of ignition - No Smoking.
S-37 Wear suitable gloves.
S-51 Use only in well ventilated areas.

UK REGULATORY REFERENCES: Classification, Packaging and Labelling Regulations 1984. Chemicals (Hazard Information & Packaging) Regulations 1993.

COMMENTS: This product is a licenced medicine and as such is exempt from CHIP Regulations and classification for supply.
This Safety Data Sheet provides basic safety data on non-clinical aspects of the product.

16. OTHER INFORMATION:

INFORMATION SOURCES: This product has been classified in accordance with CHIP3 regulations.

REVISION COMMENTS: Edition 01; Revised item(s):

ISSUED BY: MK

SDS No.: M123

DATE: 12/07/02

DISCLAIMER: The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.

R-PHRASES (Full Text): R-11 Highly flammable. R-22 Harmful if swallowed. R-36/37/38 Irritating to eyes, respiratory system and skin. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R-12 Extremely flammable. R-19 May

form explosive peroxides. R-66 Repeated exposure may cause skin dryness or cracking.
R-67 Vapours may cause drowsiness and dizziness.