

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name SOFT REMOVER (SOLVENT BASED)
Intended use: Mixture of solvents to remove the finish from the leather

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2. HAZARD IDENTIFICATION

2.1 Substance/Preparation Classification

This preparation is dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments. Therefore, this preparation requires a safety data sheet according to the 91/155/EC regulation and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols: F-Xi
Phrases R:11-36-66-67

2.2 Danger Identification

Because of its chemical-physical features, this product is graded as highly flammable (flash-point below 21 °C).

IRRITATING TO EYES.
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.
VAPORS MAY CAUSE DROWSINESS AND DIZZINESS.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Contains:

Name	Concentration C	Classification
ACETONE	37,5 <= C < 40	R 66
Cas No 67-64-1		R 67
CE No 200-662-2		F R 11
Index No 606-001-00-8		XiR 36
Alcohol C 12-13 Poly 8 Oxyethylated	0,3 <= C < 0,35	XnR 22
Cas No 66455-14-9		XiR 41
		NR 50

The complete text of -R- phrases is specified in section 16.
Ingredients according Regulation (EC) No 648/2004

less than 5 % non-ionic surfactants

4. FIRST AID MEASURES:

EYES: Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.

SKIN: Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists, seek medical attention. Wash contaminated clothing before using them again.

INHALATION: Remove to open air. If breathing is irregular, seek medical advice.

INGESTION: Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Closed containers exposed to the heat of a fire may lead to pressure rise and explode. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures, refer to the other sections of this sheet.

Extinguishing measures: CO₂, foam, chemical powder for flammable liquids. Water may not be effective to extinguish the fire, nevertheless it should be used to cool the containers exposed to flames and prevent fires and explosions. For leakage and spillage that have not caught fire, nebulized water may be used to disperse the flammable vapors and protect the people involved in stopping the leakage.

Equipment: wear equipment complete with helmet and face shield and protection of the neck, self breathing apparatus at pressure or demand, isolative jacket and trousers, with bands around the arms, legs and waist.

6. ACCIDENTAL RELEASE MEASURES:

Exclude sources of ignition. Cover with inert absorbent material. Collect spillages by means of spark proof equipment. Use water only to remove residuals, so as not to run the risk of entering the sewer. Do not let the product dry. Contaminated clothes must be left to soak in water before washing. In order to choose safety measures and protection equipment, please see the other sections of this sheet. Spillage in water; remove the liquid from the surface with flameproof pumps or manual pumps or suitable absorbent material. Resort to sinking and/or dispersion of the product with suitable substances in open waters, if permitted by the law.

7. HANDLING AND STORAGE

Avoid the accumulation of electrostatic charges. Store the containers sealed and in a well ventilated place. Vapors may ignite with explosives, it is therefore necessary to avoid accumulations, keeping the windows and doors open, ensuring cross ventilation. Without adequate ventilation, the vapors may accumulate at the bottom and ignite at a distance, if triggered off, with the risk of flashback. Keep far away from sources of heat, sparks and naked flames. Do not smoke, use matches or lighters. Keep the containers earthed while decanting and wear antistatic boots. Vigorous stirring and flow through the piping and equipment may cause the formation and accumulation of electrostatic charge due to the low conductivity of the product and equipment may cause the formation and accumulation of electrostatic compressed air during movement

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Type	State	TWA/8h		STEL/15min	
			mg/m3	ppm	mg/m3	ppm
ETHANOL	TLV-ACGIH		1880			
	OEL	IRL		1000		
	WEL	UK		1000		
ACETONE	TLV-ACGIH		1188		1782	
	OEL	EU	1210			
	OEL	IRL		500		
	WEL	UK		500		1500

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures such as masks suitable for the product, goggles, gloves, and overalls. Do not eat, drink or smoke while handling it. Accurately wash hands with soap and water before meals and at the end of the work shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color	Colored
Odor	Of solvent
Appearance	Liquid
Solubility	In solvent
pH	N.D.
Boiling point	50°C
Flash point	3°C
Explosive properties	N.A.
Vapor pressure	N.A.
Specific gravity	N.A.

10. STABILITY AND REACTIVITY

The product is stable in normal conditions of use and storage. When heated or in the event of fire, carbon oxides may be released and vapors which are dangerous to health. The vapors may also form explosive mixtures with the air.

Ethanol reacts violently with strong oxidizing agents.

Acetone reacts violently with chloroform in basic ambient with the risk of fires and explosions (ref. Handling chemicals safely).

11. TOXICOLOGICAL INFORMATION

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. Vapour inhalation may moderately irritate the upper respiratory tract. Contact with skin may cause slight irritation. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness. This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure. This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects, such as drowsiness, dizziness, slow reflexes, narcosis.

ETHANOL: oral LD50 (mg/kg) 1501 (RAT) ; inhalation LC50 (rat) 5,9 mg/l/6h

12. ECOLOGICAL INFORMATION

No specific data are available for this product. Handle it according to good working practices. Avoid litter. Do not contaminate soil, sewers and waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

13. DISPOSAL CONSIDERATIONS

Consider the possibility of burning the product in a suitable incinerator. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment when ever feasible. If the waste is solid, it can be disposed of in a landfill.

14. TRANSPORT INFORMATION

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road(ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) and in all the applicable national regulations. These good must be placed in their original packaging or in packaging made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport:

ADR/RID:	3	UN: 1993
Packing Group:	II	
Label:	3	
Nr. Kemler:	33	
Proper Shipping Name:	Flammable liquid, n.o.s. (ACETONE; ETHANOL)	
Special Provision:	640D	

Carriage by sea (shipping):

IMO class:	3	UN:1993
Packing Group:	II	
Label:	3	
EMS:	F-E, S-E	
Proper Shipping Name:	Flammable liquid, n.o.s. (ACETONE; ETHANOL)	

Transport by air:

IATA:	3	UN:1993
Packing Group:	II	
Label:	3	
Cargo:		
Packaging instructions:	307	Maximum quantities: 60 L
Pass.:		
Packaging instructions:	305	Maximum quantities: 5 L

15. REGULATORY INFORMATION



- R11 HIGHLY FLAMMABLE.
- R36 IRRITATING TO EYES.
- R66 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.
- R67 VAPORS MAY CAUSE DROWSINESS AND DIZZINESS.
- S 2 KEEP OUT OF THE REACH OF CHILDREN.
- S 9 KEEP CONTAINER IN A WELL-VENTILATED PLACE.
- S16 KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING
- S25 AVOID CONTACT WITH EYES.
- S33 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
- S43 IN CASE OF FIRE, USE CO2 OR POWDER EXTINGUISHER

Danger labeling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments.

Workers exposed to this chemical agent must undergo health checks according to regulation 98/24/EC.

16. OTHER INFORMATION

Text of -R- phrases quoted in section 2 of the sheet.

- R 11 HIGHLY FLAMMABLE.
- R 22 HARMFUL IF SWALLOWED.
- R 36 IRRITATING TO EYES.
- R 41 RISK OF SERIOUS DAMAGE TO EYES.
- R 50 VERY TOXIC TO AQUATIC ORGANISMS.
- R 66 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.
- R 67 VAPORS MAY CAUSE DROWSINESS AND DIZZINESS.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments;
2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
4. The Merck Index. - 10th Edition;
5. Handling Chemical Safety;

6. Niosh - Registry of Toxic Effects of Chemical Substances;
7. INRS - Fiche Toxicologique (toxicological sheet);
8. Patty - Industrial Hygiene and Toxicology;
9. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition;

Note for users:

The information contained in the present sheet is based on our knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control, therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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