

SOLUSCOPE
43, bd de la Barnière
13010 Marseille

Tél. : 33/(0).491.83.21.22
Fax : 33/(0).491.83.21.10

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/FIRM

Identification of the substance or preparation : Name: **SOLUSCOPE A**
Product code: 1241000

Company/undertaking identification : SOLUSCOPE
43, bd de la Barnière - 13010 MARSEILLE - FRANCE
Tél : + 33 (0)4 91 83 21 22
Fax : +33 (0)4 91 83 21 10

Emergency phone number : + 33 (0)1 45 42 59 59.

Association/Organism: INRS

Use of the substance/Preparation : **Endoscope Disinfection.**
To be used mixed with SOLUSCOPE P (direct dilution of both products within the SOLUSCOPE machine)

2 - COMPOSITION/INFORMATIONS ON INGREDIENTS

Full text of risk phrases appearing in section 2 : see section 16.

Hazardous substances present on their own (present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state) :

CAS	N°CE	N° Index	Chemical name	Concentration	Symbol	Phrases R
67-63-0	200-661-7	603-117-00-0	PROPANE-2-OL	>=25.00% et <50.00%.	Xi F	11-36-67

Other substances representing a hazard : No known substance in this category present.

Substances present at a concentration below the minimum danger threshold :

95-14-7	202-394-1	1,2,3-BENZOTRIAZOLE		>=2.50% et <10.00%	Xn	22
68989-03-7		N-ALKYL "COPRAH" DI (PENTA DECA HYDROXYETHYL) METHYL AMMONIUM METHOSULFATE		>=0.00% et <2.50%	Xn N	38-41-51/53-22

Other substances with occupational exposure limits : No known substance in this category present.

3 - IDENTIFICATION OF HAZARDS

This product is classed : Flammable.

Other risks : Possibility of irritation to the eyes.
Vapors may cause drowsiness and dizziness.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:	Move the person away from the place of exposure and take him/her outside.
In the event of splashes or contact with eyes:	If applicable, remove contact lenses. Wash thoroughly with soft clean water for 15 minutes, holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.
In the event of splashes or contact with skin:	Remove all contaminated or stained clothing immediately. Do not use them again until they have been decontaminated. Rinse immediately and thoroughly with water. In the event of skin irritation, seek medical advice.
In the event of swallowing:	Rinse out the mouth, do not induce vomiting, keep the person calm and take him/her to a clinic or a doctor's. Show the doctor the label.

5 - FIRE-FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Suitable extinguishing media:	Special foams for polar liquids (known as alcohol resistant), powders, carbon dioxide.
Extinguishing media which must not be used for safety reasons:	Sometimes, and due to the presence of organic material, a fire may produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Prevent the effluent of fire-fighting measures from entering drains or waterways.
Special protective equipment for fire-fighters:	Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus. Full protective suit.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid inhaling the vapors. Avoid any contact with the skin and eyes. Consult the safety measures listed under headings 7 and 8.
Environmental precautions:	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13). If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures
Methods for cleaning up:	In case of accidental dispersion do not pour any spilled product back into its original container with the intention of re-using it. Absorb any spilled product with absorbent non-combustible materials, and sweep away or remove with a shovel. Put any waste in drums for disposal. Do not mix with any other waste. Wash the contaminated surface thoroughly with water.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:	Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits. Product for external use - do not swallow. Avoid all contact with skin or eyes. Do not mix with any other product than the ones dedicated to the solution activation.
Fire prevention:	Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment Keep packages tightly closed and away from sources of heat, sparks and naked flames. Do not use tools which may produce sparks. Do not smoke. Prevent access by unauthorized personnel.
Recommended equipment and procedures:	For personal safety, see §8. Observe precautions stated on label and also industrial safety regulations Avoid inhaling vapors. Avoid contact of product with the eyes Water source nearby.
Storage:	Keep in the original container only, in a cool and well-ventilated place, away from all sources of ignition, heat and direct sunlight. Recommended storage temperature: from +5°C to +25°C. Keep ONLY in the original container Do not use after the expiry date mentioned on the packaging. Keep out of the reach of children

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:	Ensure the rooms are well-ventilated. Atmospheric concentrations at the workplace must not exceed the limit values given for normal conditions of use.
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Exposure limit values per INRS ND 2098-174-99 et ND 2114-176-99:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
67-63-0	-	-	400	980	-	84
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
67-63-0	II,1	200	500	C		
ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
67-63-0	(400)	(983)	(500)	(1230)	-	S

Exposure limit values per 2000/39/EC and 98/24/EC:

Exposure limit values (2003):

UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
67-63-0	400 ppm	500 ppm	-	-	-

Respiratory protection:	In case of insufficient ventilation, with the risk of exceeding the TLVs (Threshold Limit Values), wear suitable breathing apparatus.
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Hand protection:	When handling this product, wear suitable gloves. Due to the solvents present neoprene or nitrile type gloves are recommended. Gloves must be replaced immediately if they show signs of wear and tear.
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Eye and face protection:	Avoid contact with eyes. Wear safety goggles. Provide eye washes in workshops where the product is constantly handled
Skin protection:	For further information, see § 11 of S.D.S. - Toxicological information.
HEALTH MEASURES:	Do not eat, drink or smoke during use. Wash hands each time after handling. After each use, systematically wash all personal protective equipment.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Density:	< 1
Acid/base character of preparation:	Neutral
Solubility of preparation in water:	Soluble
Vapor tension at 50°C of volatile constituents:	not specified
Physical state:	fluid liquid
Color :	Colorless
Odor :	Typical of alcohol
Flash point interval:	23°C. < Flash point: <= 55°C
pH of the pure product :	6.25 .
Self-ignition temperature:	not specified.
Decomposition temperature:	not specified.
Melting temperature interval:	not specified.
Average distillation temperature of solvents contained:	not specified.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet

Conditions to avoid:	Avoid exposure to heat Do not mix with other products except those defined for use.
Hazardous decomposition products:	At high temperatures, dangerous decomposition products may be produced, such as fumes, carbon dioxide and carbon monoxide, nitrogen oxide.

11 - TOXICOLOGICAL INFORMATION

Splashes in the eyes may cause irritation and reversible damage

It is generally agreed that substances contained are likely to cause, when applied to the eye of an animal, the appearance of major lesions which persist for at least twenty-four hours

In the event of exposure by inhalation:	Inhalation may lead to irritation of the respiratory tracts.
In the event of swallowing:	Ingestion may lead to irritation of the digestive system, abdominal pain, headaches and nausea.
In the event of splashes or contact with skin:	Possibility of itching with light to moderate local redness.
In the event of splashes or contact with eyes:	Ocular irritation: notably redness of the conjunctiva and watering.
Other data:	<p>Dermal irritation/corrosion test in the rabbit (OECD 404) of the mixture SOLUSCOPE P and A (aqueous solution - 1.2% each):</p> <p>The preparation appears non irritating to skin.</p> <p>Eye irritation/corrosion test in the rabbit (OECD 405) of the mixture SOLUSCOPE P and A (aqueous solution - 1.2% each):</p> <p>The preparation appears non irritating to eyes.</p>

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Ecotoxicity: The preparation contains substances which are very toxic or toxic to aquatic organisms, and which may cause long-term adverse effects in the aquatic environment, without inducing the preparation classification.

13 - DISPOSAL CONSIDERATIONS

Do not pour into waterways.

Do not pour large quantities of the product into the drains.

Waste: Recycle or discard in accordance with the legislation in force, preferably by a collector or an approved company.

Do not contaminate the ground or the water with waste, do not discard waste into the environment.

Soiled packaging: Completely empty the container. Keep the label(s) on the container.

Hand over to an approved disposal contractor.

Codes of wastes (Decision 2001/573/EC, Directive 75/442/EEC, Directive 91/689/EEC on hazardous waste) :

20 01 29 * detergents containing dangerous substances

14 - TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport

UN1993 =

FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL SOLUTION)

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.		
	3	F1	III	3	30	LQ7	274-640E		
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.			
	3	-	III	5 L	F-E,S-E	223 274 944 955			
IATA	Class	2°Label	Pack gr.	Passenger	Passenger	Cargo	Cargo	note	
	3	-	III	309	60 L	310	220 L	A3	
	3	-	III	Y309	10 L	-	-	-	

15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

Preparation classification:



Irritant

Flammable

Particular hazards associated with the preparation and safety recommendations:

R 36	Irritating to eyes.
R 10	Flammable.
R 67	Vapors may cause drowsiness and dizziness.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37	Wear suitable gloves.
S 46	If swallowed, seek medical advice immediately and show this container or label.
S 2	Keep out of reach of children.
S 16	Keep away from sources of ignition - no smoking.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

It is recommended that the information contained in this safety data sheet is provided to the users, if necessary in an appropriate form.

This information relates to the specifically designated product and may not be valid in combination with any other product. The product must not be used for applications other than those specified in heading 1 without having first obtained written handling instructions.

Full text of risk phrases appearing in section 2:

- | | |
|---------|---|
| R 11 | Highly flammable. |
| R 22 | Harmful if swallowed. |
| R 36 | Irritating to eyes. |
| R 38 | Irritating to skin. |
| R 41 | Risk of serious damage to eyes. |
| R 51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R 67 | Vapors may cause drowsiness and dizziness. |