

CARD-INDEX DATA OF SAFETY

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

Identification of the substance or the preparation:

Name: ALCOHOL BASED GEL

Code product: 0364ED1/2

Identification of the company/firm:

Corporate name: INTERSPRAY.

Address: The THEORAT.24190.NEUVIC ON the ISLE.FRANCE.

Telephone: 05.53.80.74 .77. Fax: 05.53.80.59 .00. Telex:.

Telephone number of emergency call: +33 (0) 1 45 42 59 59

Company/Organization: INRS/ORFILA <http://www.centres-antipoison.net>.

Use of the substance/preparation:

PRODUCT BIOCIDES

2 - IDENTIFICATION OF THE DANGERS

This product is classified: Easily flammable liquid.

Risk irritating effects for the eyes.

Can start an allergic reaction.

The vapor inhalation can cause somnolence and dizziness.

Other data:

This preparation is with biocide use.

3 - COMPOSITION/INFORMATIONS ON THE COMPONENTS

The wording of the sentences R appearing in paragraph 3: to see paragraph 16.

Representative Dangerous substances:

(present in the preparation at a sufficient concentration to impose the toxicological characters to him which it would have in the state pure at 100%).

INDEX	CAS	CE	Name	Symb.	R:	%
603-117-00-0	67-63-0	200-661-7	PROPANE-2-OL	Xi F	11 36 67	25 <= X % < 50

Other substances bringing a danger:

No known substance of this category is present.

Substances present at a concentration lower than the minimal threshold of danger:

INDEX	CAS	CE	Name	Symb.	R:	%
008-003-00-9	7722-84-1	231-765-0	HYDROGEN PEROXIDE in SOLUTION... %	C O	5 8 35 20/22	0 <= X % < 2.5

Other substances having Values Limit Exposure professional:

INDEX	CAS	CE	Name	Symb.	R:	%
603-002-00-5	64-17-5	200-578-6	ETHANOL	F	11	25 <= X % < < 50

Can start an allergic reaction:

INDEX	CAS	CE	Name	Symb.	R:	%
I118_58_1	118-58-1	204-262-9	BENZYL SALICYLATE	Xi N	43 51/53	0 <= X % < 2.5

4 - FIRST AID

Generally, in case of doubt or if symptoms persist, always call upon a doctor.

Never give anything by mouth to an unconscious person

In the event of exposure by inhalation:

In the event of massive inhalation transport the patient to fresh air and to keep him warm and rested.

In the event of projections or of contact with the eyes:

Wash abundantly with fresh and clean water during 15 minutes by maintaining the eyelids opened.

Take the person to an ophthalmologist, in particular if redness appears a pain or a visual discomfort.

In the event of projections or of contact with the skin:

Remove impregnated clothing and carefully wash the skin with water and soap or use a known cleaning agent.

Not to use solvents or thinners.

In the event of irritation, rinse abundantly with water. Consult a dermatologist if the feeling persists.

In the event of ingestion:

In the event of ingestion, if the quantity is not very important, (not more than one mouthful), rinse the mouth with water and consult a doctor

Keep at rest. Do not vomit.

In the event of ingestion, consult a doctor or contact an anti-poisons centre.

5 - MEASUREMENTS OF FIRE CONTROL

Chemical powders, carbon dioxide and other gas extinguishers are appropriate for small fires.

Suitable means of extinction:

Special foams for polar liquids (known to be resistant to alcohols), powders, carbon dioxide.

Foam ; powders; carbon dioxide.

Means of extinction not to use for reasons of safety:

Possibly and because of the presence of organic matter, a fire could produce a thick black smoke.

The exposure to the decomposition products could involve health risks.

Not to breathe the smoke.

Prevent the firefighting effluents from penetrating in the sewers or the rivers.

Special protection equipment for the personnel appointed with firefighting:

Those who intervene will be equipped with insulating apparatuses of respiratory protection autonomous.

Because of the toxicity of gas produced during the thermal decomposition of the products, the participants will be equipped with insulating apparatuses of respiratory protection autonomous.

6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL REJECTION

Individual precautions:

Because of organic solvents contained in the preparation, eliminate the sources from ignition and ventilate the premises.

Avoid inhaling the vapors.

Refer to the protection measures enumerated in headings 7 and 8.

Eliminate the flames from the interested zone

Spills can provoke slippery surfaces

Precautions for the environmental protection:

To contain and collect the leakages with non combustible materials absorbing, for example: sand, ground, vermiculite, and ground of diatoms in barrels for the waste disposal.

Prevent any penetration in the sewers or river

Place barrels for the elimination of waste recovered according to regulations' in force (see heading 13).

If the product contaminates water courses, rivers or sewers, alert the competent authorities according to procedures.

Methods of cleaning:

Clean preferably with a detergent, avoid the use of solvents.

Use absorbents.

Elimination will have to be carried out by an approved recuperator.

7 - HANDLING AND STORAGE

The regulations relating to storage facilities are applicable to the workshops where the product is handled.

Handling:

Handle in well ventilated zones.

The vapors are heavier than the air. They can be spread along the ground and form explosive mixtures with the air.

Prevent the creation of flammable or explosive concentrations in the air and to avoid the vapor concentrations higher than the limit values of professional exposure.

Follow the rules of usage in hygiene and safety taking into account the inflammability.

Follow the rules of usage in hygiene and safety taking into account the biocide character of the product

Prevention from fires:

Use the product in buildings deprived of any naked flame or other sources of ignition, and have protected electrical equipment.

Keep the packaging firmly closed and keep away them from a naked flame and spark, heat sources.

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Do not use tools being able to cause sparks. Do not smoke.

Prohibit the access to unauthorized people.

THE VAPORS CAN BE HARMFUL IN THE EVENT OF COMBUSTION

Avoid any contact with hot surfaces or burning points.

Keep away from any electrical appliance under operation.

Equipment and recommended procedures:

For individual protection, see paragraph 8.

Observe the precautions indicated on the label as well as the regulations of the security of employment.

Used packaging must be kept closed stalled in an upright position.

Avoid the inhalation of the vapors.

Avoid eye contact with the product.

Prohibited equipment and procedures:

It is forbidden to smoke, eat and drink in the areas where the product is being used.

Never open the packaging by pressure.

Storage:

Store container firmly closed, in a dry place and well ventilated.

Store away from any source of ignition - not to smoke.

Keep well away from any source of ignition, heat and direct sunlight.

The premises floor must be impermeable and form a protective basin in case of accidental spilling, the liquid can not spread outside.

8 - CONTROL INDIVIDUAL EXPOSITION/PROTECTION

Use individual protective equipment according to the Directive 89/686/CEE.

Measurements of a technical nature:

Ensure adequate ventilation, if possible, by aspiration at the working stations and a suitable general extraction.

If this ventilation is insufficient to maintain the concentrations of the solvent vapors under the limiting values

of exposure, carry breathing apparatuses.

Values limit exposure according to INRS ED 984 and French Arrêté of the 30/06/04:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
67-63-0	-	-	400	980	-	84
64-17-5	1000	1900	5000	9500	-	84
7722-84-1	1	1.5	-	-	-	-

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Germany	Category:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
67-63-0	II.1	200	500	C		
64-17-5	II.1	500	960	5	C	
7722-84-1	I	1	1.4	-		
ACGIH(TVL)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
67-63-0	(400)	(983)	(500)	(1230)	-	S
64-17-5	1000	1880	-	-	A4	-
7722-84-1	1	1.4	-	-	-	-

Values limit exposure (2003-2006):

Germany/AGW	VME:	VME:	Exceeding	Remarks	
67-63-0	200 ml/m3	500 mg/m3	2(II)	DFG, Y	
64-17-5	500 ml/m3	960 mg/m3	2(II)	DFG, Y	
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criteria:
67-63-0	200ppm	400ppm	-	-	-
64-17-5	1000ppm	-	-	-	-
7722-84-1	1ppm	-	-	-	-

Respiratory protection:

When the workers are confronted with concentrations higher than the limits of exposure, they must carry suitable and approved masks.

Protection of the hands:

Protective creams can be used for exposed parts of the skin, they should not however be applied after contact with the product.

In the event of contact with the hands prolonged or repeated, use suitable gloves.

An important frequent usage of the product can provoke skin reactions to sensitive people

Protection of the eyes and the face:

Avoid the contact with eyes.

Wear goggles.

Ensure ocular fountains in the workshops where the product is handled regularly.

In the event of contact with eyes call upon an ophthalmologist immediately or a medical department urgently.

Protection of the skin:

For more details see paragraph 11 of the FDS - Information toxicological

Consult a dermatologist if phenomena of skin intolerances.

9 - PHYSICAL PROPERTIES AND CHEMICALS

General information:

Physical State: Fluid liquid.

Important information relating to health, safety and the environment:

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pH of the substance/preparation: Neutral.

When the pH measurement is possible, its value is: not specified.
Boiling point: 82°C.
Interval of flashpoint: flashpoint \leq 21°C.
Steam pressure: lower than 110kPa (1.10 bar).
Density: < 1
Hydrosolubility: dilutable
Other information:
Point /interval of fusion: not specified
Temperature of spontaneous combustion: 400 °C.
Point /interval of decomposition: 300 °C.

10 - STABILITY AND REACTIVITY

Exposed to high temperatures, the preparation can release dangerous decomposition substances, such as carbon monoxide and dioxide, smoke, nitrogen oxide.

Any apparatus likely to produce a flame or raise a metal surface to high temperature (burners, electrical arcs, furnaces...) will be banned from the premises.

Conditions to avoid:

Avoid the accumulation of electrostatic loads

Keep away from heat sources and the sources of ignition.

11 - TOXICOLOGICAL INFORMATION

No data on the preparation itself is available.

Splashes in the eyes can cause reversible irritations and damage.

Substances leave conventionally provide when applied to the eye of the animal, lesions that appear significant and persistent twenty-four hours at least.

In the event of exposure by inhalation:

A very important inhalation can be the cause of nausea and irritation of the mucous membranes

In the event of ingestion:

In the event of ingestion, consult a doctor or contact an anti-poison center.

In the event of projections or contact with the skin:

The presences of the product associated with its frequent usage can generate phenomena intolerances to sensitive people

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In the event of projections or of contact with the eyes:

Splashes in the eyes can cause important damage.

Contact an ophthalmologist immediately

Other data:

CASE 7722-84-1: IARC Groups 3 (The agent is not classifiable as to its carcinogenicity to humans).

CASE 64-17-5: IARC Groups 1 (The agent is carcinogenic to humans).

CASE 67-63-0: IARC Groups 3 (The agent is not classifiable as to its carcinogenicity to humans).

12 - ECOLOGICAL INFORMATION

No ecological data for the preparation is available.

Any flow of the product in the sewers or the rivers must be avoided.

13 - CONSIDERATIONS RELATING TO ELIMINATION

Not to pour in the sewers nor in the rivers.

GIVE TO AN APPROVED RECUPERATOR. REFER TO THE PREFECTORAL DECREES INTO FORCE.

Waste:

Recycle or eliminate in accordance with the legislations in force, preferably by a collector or an approved company.

Do not contaminate the ground or water with waste, do not eliminate in the environment.

Soiled packing:

Empty the container completely. Keep the labels on the container.

Give to an approved eliminator.

Local provisions:

The regulation relating to waste is codified in the CODE OF the ENVIRONMENT, according to the Ordinance n°2000-914 of September 18, 2000 relating to the Legislative part of the code of the environment.

We can find the various texts of the Article L. 541-1 with the Article L. 541-50 being with the Book V (Prevention of pollution, risks and harmful effects), Title IV (Waste), Chapter I (Waste disposal and recovery of materials).

14 - INFORMATION RELATING TO TRANSPORT

Transport the product in accordance with the provisions of the ADR for the road, the RID for the rail, the IMDG for the sea, and ICAO/IATA for the air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

UN1993 = FLAMMABLE LIQUIDE, N.S.A.

(ethanol)

ADR/RID	Class	Code	Groups	Label	Ident.	QL	Dispo.	
	3	F1	II	3	33	LQ4	274.330.601 640D	
IMDG	Class	2°Label	Groupe	QL	FS	Dispo.		
	3	-	II	1 L	F-E, SE	274.330.944		
IATA	Class	2°Label	Groupe	Passager	Passenger	Cargo	Cargo	notes
	3	-	II	305	5L	307	60L	A3 A148
	3	-	II	Y305	1L	-	-	-

15 - LAWFUL INFORMATION

The classification of this preparation was carried out in accordance with the directive known as <All Preparations> 1999/45/CE and of its adaptations.

Also taken into account with the directive 2004/73/CE carrying 29th adaptation to the directive 67/548/CEE (dangerous Substances).

This preparation is with biocide use.

Classification of the Preparation:

Easily flammable

Irritant

Contains:

Contains of 204-262-9 BENZYL SALICYLATE. Can start an allergic reaction.

Particular risks allotted to the preparation and councils of prudence:

R 36 Irritating for the eyes.

R 11 Easily flammable.

R 67 The vapor inhalation can cause somnolence and dizziness.

S 2 Keep out of reach of children.

S 46 In the event of ingestion, consult a doctor immediately and to show him packing or the label.

Use and store well away of any flame or source of ignition or sparks, source of heat or electrical appliance under operation not to smoke.

S 25 Avoid contact with eyes.

S 26 In the event of contact with eyes, wash immediately and abundantly with water and consult a specialist.

S 51 Use only in well ventilated zones.

Do not use for a usage other than that for which it is intended.

Eliminate empty packing or the product not used in accordance with the regulations from local by-law of waste disposal. In the second case, the recycling of packing will be proscribed.

Particular provisions:

Indication of detectable danger to the touch.

Tables of the occupational diseases according to the Fair labor standards act :

Table N°84 Affections generated by organic solvents liquidate of professional use:

Table N°84 saturated or unsaturated aliphatic or cyclic hydrocarbons liquid and their mixtures; halogenous hydrocarbons liquids; nitrated derivatives of hydrocarbons aliphatic; alcohols, glycols, ethers of glycol; ketones; aldehydes; ethers aliphatic and cyclic, of which the tétrahydrofurane; esters; diméthylformamide and diméthylacétamine; acétonitrile and propionitrile; pyridine; diméthhylsulfone, diméthylsulfoxyde.

Employees concerned with a reinforced medical supervision , article R 241.50 of the Fair labor standards act:

Employees assigned to specific work covered with the decrees issued pursuant to the article L 231.2 (2°) of the Fair labor standards act:

- Dangerous Chemical agents: Decree of the 23/12/2003.

Nomenclature of the classified installations (France):

N° Designation of the category

ICPE		Scheme	Radius
1432	Flammable Liquids (storage out of tanks manufactured of). 1. When the stored quantity of flammable liquids aimed to the category 1430 likely to be present is: c) Higher or equalizes to 10.000 T for the category B, in particular the gasolines including naphthas and kerosenes, whose flashpoint is lower than 55°C (containing hydrocarbon of aviation included/understood)	AS	4
	2. Storage of flammable liquids aimed to the category 1430:		

- a) representing a total equivalent capacity higher than 100m³. A 2
- b) representing a total capacity equivalent higher than 10m³ DC but lower or equalizes to 100m³.

16 - OTHER DATA

Working conditions of the user not being known to us, the information given in the present card of safety are based on the state of our knowledge of the National as well as Community regulations.

The product should not be used for other uses other than those specified in category 1 without having obtained written handling instructions.

It is always the responsibility for the user to take all measurements necessary to fulfill the requirements of local laws and regulations.

The information given in the present card must be regarded as a description of the requirements of safety relative to our product and not like a guarantee of the properties of this one.

The wording of the sentences R appearing in paragraph 3:

R 11	Easily flammable.
R 20/22	Harmful by inhalation and ingestion.
R 35	Cause serious burns.
R 36	Irritating for the eyes.
R 43	sensibilisation may result in contact with skin
R 5	Danger of explosion under the action of heat.
R 51/53	Poisonous for aquatic organisms, can involve long-term harmful effects for the watery environment.
R 67	Vapor inhalation can cause somnolence and dizziness.
R 8	Facilitate the inflammation of combustible materials

Labelling Biocide (Payment 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/CE):

Name	CE	%	TP
PROPANE-2-OL	200-661-7	250.00 g/kg	01
ETHANOL	200-578-6	449.55 g/kg	01
HYDROGEN PEROXIDE IN	231-765-	10.50 g/kg	01

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SOLUTION	0		
...%			