



SAFETY DATA SHEET

(Conform Reach)

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Date of creation : 01/12/2005

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GUARD INDUSTRY

GRAFFIGUARD® 2050



Xi-Irritant



Flammable

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Type of product : Anti-graffiti cleanser for fragile and non- porous surfaces
Use : See product data sheet for detailed information.
Company identification Manufactured: UK & Ireland:
GUARD INDUSTRIE **GUARD INDUSTRY (UK) LTD**
7 rue Gutenberg 7200 The Quorum
93100 MONTREUIL Oxford Business Park North
FRANCE Garsington Road
OXFORD. OX4 2JZ
Tel: +33 (0)1.55.86.17.60 Tel: +44 (0)870 7345972
Fax:+33 (0)1.48.58.16.89 Fax: +44 (0)870 7345973

2 HAZARDS IDENTIFICATION

Risk phrases
Primary route of exposure : Contact with eyes and skin.
- Inhalation : Irritation of airways; headache, somnolence and sickness.
- Skin contact : Frequent or extended contacts can cut the fat off or sear the skin generating a discomfort and then dermatitis.
- Eye contact : In case of excessive spraying, vapours can provoke eyes irritation.
-Ingestion : Ingestion followed by vomiting by aspiration in lungs can provoke suffocation or pneumopathy.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Name of substance	Volume	N° CAS	N° CE	N° index	classification
Ethanol	80%<c<90%	64-17-5	200-578-6		F: R11
N methyl 2-pyrrolidone	15%<c<20%	872-50-4	212-828-1		Xi: R36/38
Methanol	0%<c<2.5%	67-56-1	200-656-6		F,T: R23/24/25 R39/23/24/25
Isopropanol	0%<C<2.5%	67-63-0	200-661-7		F, Xi: R11, R36, R67

4 FIRST AID MEASURES

First aid measures
-Inhalation : Take the person into open air and remove contaminated clothes. Call a doctor in the event of respiratory discomfort.
-Skin contact : Wash immediately with water during 15 minutes.
-Eye contact : Rinse abundantly with water (15minutes) then wash with a dacryoserum eye lotion
Consult imperatively an ophthalmologist.
-Ingestion : Seek immediate medical assistance.

5 FIRE – FIGHTING MEASURES

Flammable class : Flammable.
Specific hazards : Nothing results from decomposition.
Extinguishing media : Specific moss for polar liquids, powders, carbon dioxide.
Protection against fire : Wear adequate protective equipment.
Special procedures : Fire can produce a heavy black smoke. Consequently to the thermal decomposition, dangerous substances can be formed: carbon monoxides, carbon dioxide. The exposure to these substances can be dangerous for health.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Supply adequate protection to cleaning teams.
Cleaning method : Dyke, pump and rinse with water. Collect waste in specific and labelled boles and put them in a suitable vessel for removal and subsequent disposal.
Precautions for the environment : Avoid any contamination to both the ground and water, drainage in to sewers, ditches and rivers using sand or ground.



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7 HANDLING AND STORAGE

Handling	: Product to be used in accordance with good industrial hygiene and safety procedures. Immediately wash eyes, skin and clothes if product comes into contact. Wash your hands and other exposed skin areas with warm soap and water, before eating, drinking, smoking, and before finishing work.
Storage	: Avoid any useless exposure. Avoid heat. Ensure suitable extraction or adequate ventilation of the premises to reduce vapour concentrations in surrounding airspace. If the directions for use lead to a risk of exposure by inhalation, wear officially recognized protective respiratory equipment. Keep containers closed before and after use. Recommended materials for the packing: polyethylene.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Individual protection	
Respiratory protection	: No need for any respiratory protection equipment under normal conditions of use but do ensure adequate ventilation.
Hand protection	: Wear gloves resistant to chemical products (pvc, neoprene).
Skin protection	: Wear clothes resistant to chemical products. Make sure to have shower and ocular fountain close to workstations.
Eye protection	: Wear security glasses with a lateral protection.
Industrial hygiene	: Local extraction and general ventilation have to be sufficient to insure the conformity of exposure norms. Emergency eyes cleaners have to be installed close to any place where there is a risk of exposure.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical appearance	: Liquid
Colour	: Colourless
Odour	: Alcohol
pH value	: No significant
Boiling point [°C]	: Not measured
Density	: 0.810 g/cm ³
Solubility in water [vol/vol]	: Totally
Flash point	: 12°C

10 STABILITY AND REACTIVITY

Stability and reactivity	: Stable under normal conditions.
Hazardous decomposition products	: Not applicable.
Materials to avoid	: Not applicable.

11 TOXICOLOGICAL INFORMATION

In case of ingestion	: No data.
In case of skin contact	: No data.
In case of eyes contact	: No data.
In case of inhalation	: No data.

12 ECOLOGICAL INFORMATION

No ecological data measured by tests on the preparation itself is available.	
Eco toxicity	: This preparation is not classified in application of the conventional method of evaluation of dangers for the environment.
Mobility	: The product is miscible in water
Obstinacy / degradability	: None known
Bioaccumulation potential	: No possibility of bioaccumulation because this product is hydrophilic
Diverse harmful effects	: Not applicable.



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13 DISPOSAL CONSIDERATIONS

EXCESS OR WASTE: Do not throw waste in sewers or natural environment. Comply with community, national or local effective dispositions: rules and decrees (decree denomination: cleanser that contains hazardous substances, heading: 20 01 29*).

EMPTY PACKINGS: Do not throw in sewers or natural environment. Comply with community, national or local effective dispositions: rules and decrees (decree denomination: cleanser that contains hazardous substances, heading: 15 01 10*).

14 TRANSPORT INFORMATION

	ADR/RID Road/Railway	I.M.D.G Seaborne	OACI Air
N° ONU,UN/ID	1170	1170	1170
Official designation	ETHANOL, IN SOLUTION (ETHYLIC ALCOHOL IN SOLUTION)	ETHANOL, IN SOLUTION (ETHYLIC ALCOHOL IN SOLUTION)	ETHANOL, IN SOLUTION (ETHYLIC ALCOHOL IN SOLUTION)
Class	3	3	3
Packing group	II	II	II
Label	3	3	Non flammable liquid
Hazard code number	33		

ADR : limited quantity LQ 4 for exemption

Pack : 3L maximum

IMDG	Limited quantities :	1 L
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IATA	Packing instructions	Maximal quantity by parcel :
Plane passenger and freighter:	Limited quantity : Y305	1 L
	305	5 L
Plane freighter :	307	60 L

15 REGULATORY INFORMATION

Symboles : F : Easily flammable

R Phrases : R11: highly flammable

S Phrases : S2: keep out of children's reach
: S7: keep the container well closed
: S16: keep away from any flames or source of sparks. Do not smoke

16 OTHER INFORMATION

Other data : Formula deposited in the anti-poison centre of Nancy Tel: +33 (0) 3.83.32.36.36

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