

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2020/878



Article No.:	127 ART	HG Graffiti Remover	117125 IE
Print date:	15.05.2025	Revision date: 15.05.2025	Page 1 / 9
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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Article No. (manufacturer/supplier)	127 ART
Trade name/designation	HG Graffiti Remover
	UFI: 1HF0-402N-7002-GVX0

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses**

Intended for general public  
Main use category: Consumer use

**Uses advised against**

All other uses not recommended above

**1.3. Details of the supplier of the safety data sheet**

**supplier (manufacturer/importer/downstream user/distributor)**

HG International BV	
P.J. Oudweg 41	Telephone: +31 (0) 36 54 94 700
NL - 1314 CJ Almere	Telefax:
The Netherlands	E-mail: safety@hg.eu
	Homepage : www.hg.eu

**Department responsible for information:**

E-mail (competent person)	+31 (0) 36 54 94 700
HG UKI LTD	safety@hg.eu
Weston Business Centre, Parsonage Road	
UK - CM22 6PU Takeley - Essex	+44 (0) 1206 822 744
United Kingdom	www.hg.eu

**1.4. Emergency telephone number**

National Poisons Information Centre Beaumont	+353 1809 2566
Hospital	
Healthcare Professionals - 24/7	

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**



**Danger**

**Hazard statements**

H226	Flammable liquid and vapour.
H318	Causes serious eye damage.

**Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear eye protection/face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/ physician.
P501	Dispose of contents/container to industrial incineration plant.

**Hazard components for labelling**

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ethoxylated fatty alcohol

**Supplemental hazard information**

not applicable

**2.3. Other hazards**

The mixture does not contain any "substances of very high concern" (SVHC)  $\geq 0,1$  %, as published by the European Chemical Agency (Echa) according to Article 57 of Regulation (EC) No 1907/2006 (REACH).

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Description** graffiti remover

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

EC No. CAS No. Index No.	REACH No. Designation classification: // Remark	weight-%
212-112-9 763-69-9	Ethyl 3-ethoxypropionate Flam. Liq. 3 H226	10 - 25
605-233-7 160875-66-1	ethoxylated fatty alcohol Acute Tox. 4 H302 / Eye Dam. 1 H318 Acute toxicity estimate (ATE): ATE (oral): 500 mg/kg bw	5 - 10
200-578-6 64-17-5 603-002-00-5	01-2119457610-43 Ethanol Flam. Liq. 2 H225	5 - 10
201-069-1 77-92-9 607-750-00-3	01-2119457026-42 citric acid anhydrate Eye Irrit. 2 H319 / STOT SE 3 H335	1 - 5

**Additional information**

Full text of classification: see section 16

**Labelling for contents according to regulation (EC) No. 648/2004**

weight-%	Ingredient
5 - 15 %	non-ionic surfactants

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Take off immediately all contaminated clothing. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In all cases of doubt, or when symptoms persist, seek medical advice.

**In case of inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of respiratory tract irritation, consult a physician.

**Following skin contact**

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

**After eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

**Following ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Keep victim calm. Do NOT induce vomiting. Seek medical advice immediately. If medical advice is needed, have product container or label at hand.

**4.2. Most important symptoms and effects, both acute and delayed**

In all cases of doubt, or when symptoms persist, seek medical advice.

**4.3. Indication of any immediate medical attention and special treatment needed**

First Aid, decontamination, treatment of symptoms.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

#### Unsuitable extinguishing media

strong water jet

### 5.2. Special hazards arising from the substance or mixture

Inhaling hazardous decomposing products can cause serious health damage.

### 5.3. Advice for firefighters

Provide a conveniently located respiratory protective device.

#### Additional information

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

### 6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents. Provide adequate ventilation.

### 6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Keep container tightly closed. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. Do not breathe mist. Thorough skin-cleansing after handling the product.

#### Further information

Vapours are heavier than air. Vapours form explosive mixtures with air.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Store carefully closed containers upright to prevent any leaks.

#### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

#### Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. German Ordinance on Industrial Safety and Health (BetrSivO):: Flammable.

### 7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use, Follow the instructions for use on the label.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit values:

Ethanol

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Index No. 603-002-00-5 / EC No. 200-578-6 / CAS No. 64-17-5

OEL, STEL: 1000 ppm

**Additional information**

TWA : Long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

**DNEL:**

Ethanol

Index No. 603-002-00-5 / EC No. 200-578-6 / CAS No. 64-17-5

DNEL long-term dermal (systemic), Workers: 343 mg/kg bw/day

DNEL acute inhalative (local), Workers: 1900 mg/m<sup>3</sup>

DNEL acute inhalative (systemic), Workers:

DNEL long-term inhalative (systemic), Workers: 950 mg/m<sup>3</sup>

DNEL long-term oral (repeated), Consumer: 87 mg/kg bw/day

DNEL long-term dermal (systemic), Consumer: 206 mg/kg bw/day

DNEL acute inhalative (local), Consumer: 950 mg/m<sup>3</sup>

DNEL long-term inhalative (systemic), Consumer: 114 mg/m<sup>3</sup>

**PNEC:**

Ethanol

Index No. 603-002-00-5 / EC No. 200-578-6 / CAS No. 64-17-5

PNEC aquatic, freshwater: > 0,96 mg/L

PNEC aquatic, marine water: > 0,79 mg/L

PNEC aquatic, intermittent release: > 2,75 mg/L

PNEC sediment, freshwater: > 3,6 mg/kg

PNEC sediment, marine water:

PNEC, soil: > 0,63 mg/kg

PNEC sewage treatment plant (STP): 580 mg/L

PNEC Secondary Poisoning: 0,72 mg/kg

**8.2. Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

**Personal protection equipment**

**Respiratory protection**

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Suitable respiratory protection apparatus: Respiratory protection is required for not sufficiently ventilated working places and during the spraying processing.

**Hand protection**

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm ; Breakthrough time: > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

Wear closely fitting protective glasses in case of splashes.

**Body protection**

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

**Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

**SECTION 9: Physical and chemical properties**

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**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Appearance:	Liquid
Colour:	refer to label
Odour:	characteristic
Odour threshold:	not determined
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	not determined
Flammability	Flammable liquid and vapour.
Lower and upper explosion limit:	
Lower explosion limit:	1 Vol-% Source: Ethyl 3-ethoxypropionate
Upper explosion limit:	15 Vol-% Source: Ethanol
Flash point:	33 °C Method: EN ISO 13736
Auto-ignition temperature:	220 °C Source: 1,1'-(Methylenbisoxo)dibutan
Decomposition temperature:	not determined
pH at 20 °C:	not applicable
Kinematic viscosity (40°C):	5658,67 mm <sup>2</sup> /s
Viscosity at 20 °C:	> 5000 mPa·s
Solubility(ies):	
Water solubility at 20 °C:	partially soluble
Partition coefficient: n-octanol/water:	see section 12
Vapour pressure at 20 °C:	4,6217 mbar
Density and/or relative density:	
Density at 20 °C:	1,00 g/cm <sup>3</sup> Method: EN ISO 2811-1
Relative density at 20 °C:	not determined
Bulk density:	
Relative vapour density:	not determined
particle characteristics:	not determined

**9.2. Other information**

Solid content:	6,20 weight-% / 4,20 L/kg / 4,19 Vol-% Remark: Solid contentRemark
Solvent:	
Organic solvents:	84 weight-%
aromatic hydrocarbons:	0 weight-%
Water:	0 weight-%
Drop point/drop range:	
Pour point:	0 °C
Sustaining combustion:	Sustaining combustion: Yes, positive.
Explosive properties:	not applicable
Oxidising properties:	not applicable
Burning time:	not determined
Evaporation rate:	not determined

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

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No information available. No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

**10.3. Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

**10.4. Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

**10.5. Incompatible materials**

not applicable

**10.6. Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides. Thermal decomposition can lead to the escape of irritating gases and vapours. Hazardous decomposition byproducts may form with exposure to high temperatures.

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity, calculated:**

ATEmix, oral: > 5000 mg/kg

**Acute toxicity**

ethoxylated fatty alcohol

oral, LD50, Rat: > 500 mg/kg

Ethanol

oral, LD50, Rat: > 2000 mg/kg

Method: OECD 401

dermal, LD50, Rabbit: > 2000 mg/kg

inhalative (vapours), LC50, Rat: 51 mg/L (4 h)

inhalative (vapours), LC50, Mouse: > 20 mg/L

Method: literature value

**Skin corrosion/irritation; Serious eye damage/eye irritation**

Causes serious eye damage.

ethoxylated fatty alcohol

eyes

Ethanol

eyes

**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Based on available data, the classification criteria are not met.

**STOT-single exposure; STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Practical experience/human evidence**

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**Overall assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.



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**Remark**

There is no information available on the preparation itself . The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified according to the toxicological dangers. See chapters 2 and 15 for details.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

No information available.

**SECTION 12: Ecological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

Do not allow to enter into surface water or drains.

**12.1. Toxicity**

ethoxylated fatty alcohol

Daphnia toxicity, EC50 10 - 100 mg/L (48 h)

Ethanol

Fish toxicity, LC50, Leuciscus idus (golden orfe): > 100 mg/L (96 h)

Method: OECD 203

Daphnia toxicity, EC50, Daphnia magna (Big water flea): > 100 mg/L (48 h)

Method: OECD 202

Algae toxicity, ErC50, Chlorella pyrenoidosa: > 100 mg/L

Method: OECD 201

**Long-term Ecotoxicity**

Toxicological data are not available.

**12.2. Persistence and degradability**

ethoxylated fatty alcohol

: > 60 % (28 D)

Method: OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C

**12.3. Bioaccumulative potential**

Ethanol

Partition coefficient: n-octanol/water: -0,32

**Bioconcentration factor (BCF)**

Toxicological data are not available.

**12.4. Mobility in soil**

Toxicological data are not available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Appropriate disposal / Product**

**Recommendation**

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**Control report for waste code/ waste marking according to EAKV:**

200129\* Detergents containing hazardous substances

\*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

**Appropriate disposal / Package**

**Recommendation**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

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#### SECTION 14: Transport information

**14.1. UN number or ID number**

UN 1993

**14.2. UN proper shipping name**

Land transport (ADR/RID):

Flammable liquid, n.o.s.  
(Ethylethoxypropionat, ETHANOL)

Sea transport (IMDG):

FLAMMABLE LIQUID, N.O.S.  
(Ethylethoxypropionat, ETHANOL)

Air transport (ICAO-TI / IATA-DGR):

Flammable liquid, n.o.s.  
(Ethylethoxypropionat, ETHANOL)

**14.3. Transport hazard class(es)**

3

**14.4. Packing group**

III

**14.5. Environmental hazards**

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

**14.6. Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**Further information**

**Land transport (ADR/RID)**

Tunnel restriction code

D/E

**Sea transport (IMDG)**

EmS-No.

F-E, S-E

**UN Test L.2: Sustained combustibility test:**

Sustaining combustion: Yes, positive.

**14.7. Maritime transport in bulk according to IMO instruments**

No transport as bulk according IBC - Code.

#### SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU legislation**

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]**

Category: P5c FLAMMABLE LIQUIDS

Quantity 1: 5000 t / Quantity 2: 50000 t

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC-value (in g/L): 920

**National regulations**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.  
Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

**Identification on the label/Trade name**

Child-resistant fastenings (EN/862/ISO 8317): No

Tactile warning according to EN/ISO 11683: No

**15.2. Chemical Safety Assessment**

**For the following substances of this mixture a chemical safety assessment has been carried out:**

EC No.	Designation	REACH No.
CAS No.		



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200-578-6	Ethanol	01-2119457610-43
64-17-5		
201-069-1	citric acid anhydrate	01-2119457026-42
77-92-9		

**SECTION 16: Other information**

**Full text of classification in section 3:**

Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Flam. Liq. 2 / H225	Flammable liquids	Highly flammable liquid and vapour.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
STOT SE 3 / H335	STOT-single exposure	May cause respiratory irritation.

**Classification procedure**

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 3	Flammable liquids	On basis of test data.
Eye Dam. 1	Serious eye damage/eye irritation	Calculation method.

**Further information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.