

# SAFETY DATA SHEET

WIPE OUT UG  
According to EC Regulation 1907/2006/EC - revision 2015/830

Print Date 29/01/2019

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Revision No. 3.2  
Revision Date 21/01/2019

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1. Product identifier

Product Name WIPE OUT UG  
Product Code 11001032X1 (CLP)

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

#### Recommended use

Graffiti remover.

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

NCH UK & Ireland, NCH House, Springvale Avenue, Bilston, WV14 0QL Tel (UK): 01902 510200, Tel (Ireland): 042 939 5502  
E-mail address technical\_uk@nch.com  
Website address www.ncheurope.com

### 1.4. Emergency telephone number

UK - 01902 510200 (available during Office Hours)  
In Republic of Ireland (available from 8am to 10pm daily): 01 809 2166

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 (CLP/GHS) and its adaptations

Acute toxicity: Category 4  
Serious damage to eyes: Category 1  
STOT- single exposure: Category 3  
H302 - Harmful if swallowed  
H318 - Causes serious eye damage  
H336 - May cause drowsiness or dizziness

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

Contains DIHYDRO-2(3H)-FURANONE & BENZYL ALCOHOL & PG C9-11 PARETH-6

#### Hazard pictograms



Signal word DANGER

#### Hazard Statements

H302 - Harmful if swallowed  
H318 - Causes serious eye damage  
H336 - May cause drowsiness or dizziness

#### Precautionary Statements

P312 - Call a POISON CENTER or doctor if you feel unwell  
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  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P280 - Wear protective gloves/protective clothing/eye protection.  
P261 - Avoid breathing vapors.  
For industrial and institutional use only.  
Keep out of reach of children.

### 2.3. Other hazards

No additional hazards identified.

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

## SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS

**3.2 Mixture**

Chemical Name	CAS-No.	EC No.	EU - REACH reg number	Weight-%	EU - GHS/CLP Classification	Notes
DIHYDRO-2(3H)-FURANONE	96-48-0	202-509-5	-	25 - < 50	Acute Tox. 4 (H302) Eye Dam. 1 (H318) STOT SE 3 (H336)	
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6	203-603-9	01-2119475791-29	25 - < 50	Flam. Liq. 3 (H226)	
BENZYL ALCOHOL	100-51-6	202-859-9	01-2119492630-38	20 - < 25	Acute Tox. 4 (H302) Acute Tox. 4 (H332)	
PG C9-11 PARETH-6	68439-46-3		-	1 - < 3	Acute Tox. 4 (H302) Eye Dam. 1 (H318)	

For any H statements mentioned in this section, see the full text in section 16.

**SECTION 4. FIRST AID MEASURES****4.1. Description of first aid measures**General advice

Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Skin Contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth with water. Do NOT induce vomiting. Get medical attention immediately. Show the Label to the Doctor.

Inhalation

Remove from the area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult. If exposed to high concentrations of the vapours / mists, move to fresh air.

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

No information available.

Eye contact

May cause burns which could lead to permanent eye damage.

Skin contact

May cause irritation as itching or redness.

Ingestion

Contains component(s) known to be harmful if swallowed.

Inhalation

Inhalation of mists may result in irritation to the respiratory tract. May cause headaches, dizziness, drowsiness and nausea.

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

Causes eye burns.

**SECTION 5. FIRE-FIGHTING MEASURES****5.1. Extinguishing media**Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Water spray. Foam. Carbon dioxide (CO<sub>2</sub>). Dry powder.

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

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide.

Material can create slippery conditions.

**5.3. Advice for firefighters**

Firefighters should wear a self-contained breathing apparatus and full protective gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8.

8. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Ventilate the area. Material can create slippery conditions.

**6.2. Environmental precautions**

Avoid release of neat product into surface water and sanitary sewage system.

**6.3. Methods and material for containment and cleaning up**Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning up

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

Refer to sections 7, 8 and 13.

**SECTION 7. HANDLING AND STORAGE****7.1. Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

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

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)**

No information available.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**Exposure limits

If vapours, fumes or mists are generated, their concentration in the workplace area should be kept to the lowest reasonable level. For substances.

Chemical Name	European Union	The United Kingdom	France	Germany	Austria
DIHYDRO-2(3H)-FURANONE				Skin	
2-METHOXY-1-METHYLETHYL ACETATE		STEL: 100 ppm STEL: 548 mg/m <sup>3</sup> TWA: 50 ppm TWA: 274 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin	AGW: 50ppm AGW: 270mg/m <sup>3</sup> Peak: 50ppm Peak: 270mg/m <sup>3</sup> TWA: 50ppm TWA: 270mg/m <sup>3</sup>	Skin STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>

Chemical Name	Spain	Portugal	Italy	The Netherlands	Switzerland
2-METHOXY-1-METHYLETHYL ACETATE	Skin STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>	STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin	TWA: 550 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 275 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>

Chemical Name	Denmark	Finland	Norway	Sweden	Czech
DIHYDRO-2(3H)-FURANONE		TWA: 50 ppm TWA: 14 mg/m <sup>3</sup> STEL: 250 ppm STEL: 70 mg/m <sup>3</sup> Skin			
2-METHOXY-1-METHYLETHYL ACETATE	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> Skin	50 ppm 250 mg/m <sup>3</sup> 75 ppm 400 mg/m <sup>3</sup>	PEL: 270mg/m <sup>3</sup> NPK-P: 550mg/m <sup>3</sup>
BENZYL ALCOHOL		TWA: 10 ppm TWA: 45 mg/m <sup>3</sup>			PEL: 40mg/m <sup>3</sup> NPK-P: 80mg/m <sup>3</sup>

Chemical Name	Poland	Ireland
2-METHOXY-1-METHYLETHYL	NDSch: 520 mg/m <sup>3</sup>	TWA: 50 ppm

ACETATE	NDS: 260 mg/m <sup>3</sup>	TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin
BENZYL ALCOHOL	NDS: 240 mg/m <sup>3</sup>	

## 8.2. Exposure controls

### Control parameters

Provide an eyewash station. Provide washing facilities.

### Engineering Measures

Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

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

### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Conforming to EN 14387 (organic vapours).

### Hand Protection

Wear suitable protective gloves conforming to EN 374. Type of gloves suggested :. Solvent-resistant gloves (butyl-rubber). Fluorinated rubber. Polyvinyl alcohol. For break through times, refer to glove manufacturers recommendations.

### Eye Protection

Safety glasses with side-shields. Approved to EN 166. For large volumes, faceshields should be used.

### General hygiene considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practise. Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Information below relates to typical values and does not constitute a specification.

<b>Appearance</b>	Colorless	<b>Specific Gravity</b>	1.06
<b>Physical State</b>	Liquid	<b>Solubility</b>	Partially soluble in water
<b>Odour</b>	Solvent	<b>Autoignition Temperature</b>	315 °C
<b>pH</b>	Not applicable.	<b>Viscosity</b>	Fluid
<b>Melting Point/Range</b>	No information available.	<b>Explosive properties</b>	No information available
<b>Boiling Point/Range</b>	185 °C	<b>Oxidizing Properties</b>	No information available.
<b>Flash Point</b>	> 60 °C	<b>VOC Content (%)</b>	98.5 %
<b>Method</b>	Closed cup		
<b>Evaporation Rate</b>	No information available.		
<b>Flammability Limits in Air %</b>	No information available.		
<b>Vapor Pressure</b>	No information available.		
<b>Vapor Density</b>	No information available.		

### 9.2. Other information

No other information available

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Not considered as highly reactive. See further information below.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

The mixture itself will not dangerously react or polymerise to create hazardous conditions in normal use.

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Heat, flames, and sparks.

### 10.5. Incompatible materials

No materials to be specially mentioned.

### 10.6. Hazardous decomposition products

None under normal storage conditions and use.

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Product Information

The product itself has not been tested.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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DIHYDRO-2(3H)-FURANONE	= 1540 mg/kg ( Rat )		> 5100 mg/m <sup>3</sup> ( Rat ) 4 h
2-METHOXY-1-METHYLETHYL ACETATE	= 8532 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	
BENZYL ALCOHOL	= 1230 mg/kg ( Rat )	= 2 g/kg ( Rabbit )	= 8.8 mg/L ( Rat ) 4 h
PG C9-11 PARETH-6	= 1400 mg/kg ( Rat )		

**Sensitisation**

No information available.

**Skin contact**

May cause irritation as itching or redness.

**Inhalation**

Inhalation of mists may result in irritation to the respiratory tract. May cause headaches, dizziness, drowsiness and nausea.

**Ingestion**

Contains component(s) known to be harmful if swallowed.

**Eye contact**

May cause burns which could lead to permanent eye damage.

**Carcinogenicity**

There are no known carcinogenic substances in this product.

**Mutagenic Effects**

There are no known mutagenic substances in this product.

**Reproductive Effects**

There are no known substances in this product with effects on reproduction.

**SECTION 12. ECOLOGICAL INFORMATION****12.1. Toxicity****Product Information**

The product itself has not been tested.

**Ecotoxicity effects**

Contains substance(s) known to be hazardous to the aquatic environment.

Chemical Name	Toxicity to Fish	Water Flea	Toxicity to Algae
DIHYDRO-2(3H)-FURANONE		500: 48 h Daphnia magna Straus mg/L EC50	EC50 = 360 mg/L Desmodesmus subspicatus 72 h EC50 = 79 mg/L Desmodesmus subspicatus 96 h
2-METHOXY-1-METHYLETHYL ACETATE	LC50 = 161 mg/L Pimephales promelas 96 h	500: 48 h Daphnia magna mg/L EC50	
BENZYL ALCOHOL	LC50 = 460 mg/L Pimephales promelas 96 h LC50 = 10 mg/L Lepomis macrochirus 96 h	23: 48 h water flea mg/L EC50	

**12.2. Persistence and degradability**

Ecotoxicological properties are substance specific, i.e. bioaccumulation, persistence and degradability. The information is given, where available and appropriate, for substance(s) of the mixture.

**12.3. Bioaccumulative potential**

Not likely to bioaccumulate. Component information below.

Chemical Name	log Pow
DIHYDRO-2(3H)-FURANONE	-0.566
2-METHOXY-1-METHYLETHYL ACETATE	0.43
BENZYL ALCOHOL	1.1

**12.4. Mobility in soil**

Emulsifiable in water.

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

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

**12.6. Other adverse effects**

No data available.

**SECTION 13. DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods****Waste from Residues / Unused Products**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal. Empty remaining contents. Recycle according to official regulations.

**EWC waste disposal No**

The following EWC/ AVV waste codes may be applicable:

08 01 21\* Waste paint or varnish remover

14 06 03\* other solvents and solvent mixtures

**Other Information**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

**SECTION 14. TRANSPORT INFORMATION****14.1, 14.2, 14.3, 14.4.**

Not classified for transport as dangerous goods

**14.5. Environmental hazards**

The mixture is not environmentally hazardous for transport

**14.6. Special precautions for user**

No special precautions.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Packaged product, not typically transported in IBC's.

**Additional information**

The above information is based on latest transport regulations i.e. ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

**SECTION 15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This mixture was classified in compliance with EC Regulation 1272/2008 (CLP) and its adaptations.

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**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out for this mixture by the supplier

**SECTION 16. OTHER INFORMATION****Text of H statements mentioned in Section 3**

H226 - Flammable liquid and vapour. H302 - Harmful if swallowed. H318 - Causes serious eye damage. H332 - Harmful if inhaled. H336 - May cause drowsiness or dizziness.

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

Additivity method. H302 - Harmful if swallowed. Calculation method. H318 - Causes serious eye damage. H336 - May cause drowsiness or dizziness.

**Prepared By** Austen Pimm

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**Revision Date** 21/01/2019

**Revision summary**

CLP update. SDS sections updated : 3 16

**Abbreviations**

REACH: Registration Evaluation Authorisation Restriction of Chemicals

EU: European Union

EC: European community

EEC: European Economic Community

UN: United Nations

CAS: Chemical Abstracts Service

PBT: Persistent Bioaccumulative Toxic

vPvB: very Persistent very Bioaccumulative

LC50: Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

LogPow: LogP octanol/water

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe (Administrative order relating to substances hazardous to water - Germany)

WGK: Wassergefährdungskategorie (Water Hazard Class - Germany).

AVV: Abfallverzeichnis-Verordnung (Waste Code - Germany)

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European agreement governing the international carriage of dangerous goods by road)

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International carriage of Dangerous goods by rail)

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

ERG: Emergency Response Guidebook

IUCLID / RTECS International Uniform Chemical Information Database / Registry of Toxic Effects of Chemical Substances

GHS: Globally Harmonised System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Chemical

w/w: weight for weight

DMSO: Dimethyl sulphoxide

OECD: Organization for Economic Cooperation and Development

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

**Further Information**

Component test results displayed in sections 11 and 12 are typically supplied by Chemadvisor and assembled from publicly available literature sources e.g. IUCLID / RTECS

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

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**