

SAFETY DATA SHEET

WIPE OUT UG
According to EC Regulation 1907/2006/EC - revision 2020/878

Revision No. 3.6

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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)
UFI: MX03-H0MP-G008-GQMX

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, Arrowmure House, 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	01-2119471839-21	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) STOT SE 3 (H336)	
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	614-482-0	-	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 delayedSensitisation

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 neededNotes 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 (CO₂). 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. 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 upMethods 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
2-METHOXY-1-METHYLETHYL ACETATE	TWA 50 ppm TWA 275 mg/m ³ STEL 100 ppm STEL 550 mg/m ³ Possibility of significant uptake through the skin	STEL: 100 ppm STEL: 548 mg/m ³ TWA: 50 ppm TWA: 274 mg/m ³ Potential for skin absorption	VME: 50 ppm VME: 275 mg/m ³ VLCT: 100 ppm VLCT: 550 mg/m ³ Peau	AGW: 50 ppm AGW: 270 mg/m ³ Spitzenbegr.: 50 ppm Spitzenbegr.: 270 mg/m ³ MAK: 50 ppm MAK: 270 mg/m ³ Bem.: DFG, Y	Skin STEL: 100 ppm STEL: 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³
BENZYL ALCOHOL				AGW: 5 ppm AGW: 22 mg/m ³ Spitzenbegr.: 44 mg/m ³ Spitzenbegr.: 10 ppm MAK: 22 mg/m ³ MAK: 5 ppm Bem.: DFG, Y hautresorptiv Summe aus Dampf und Aerosolen	

Chemical Name	Spain	Portugal	Italy	The Netherlands	Switzerland
2-METHOXY-1-METHYLETHYL ACETATE	Skin STEL: 100 ppm STEL: 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³	STEL: 100 ppm STEL: 550 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³ Skin	TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin	TWA: 550 mg/m ³	STEL: 50 ppm STEL: 275 mg/m ³ TWA: 50 ppm TWA: 275 mg/m ³
BENZYL ALCOHOL					Skin TWA: 5 ppm TWA: 22 mg/m ³

Chemical Name	Denmark	Finland	Norway	Sweden	Czech
DIHYDRO-2(3H)-FURANONE		HTP (8h): 50 ppm HTP (8h): 14 mg/m ³ HTP (15min): 250 ppm HTP (15min): 70 mg/m ³ lho			
2-METHOXY-1-METHYLETHYL ACETATE	TWA: 50 ppm TWA: 275 mg/m ³ Hud	HTP (8h): 50 ppm HTP (8h): 270 mg/m ³ HTP (15min): 100 ppm HTP (15min): 550 mg/m ³ lho	TWA: 50 ppm TWA: 270 mg/m ³ Hud	NGV: 50 ppm NGV: 275 mg/m ³ KGV: 100 ppm KGV: 550 mg/m ³ Hud	PEL: 270mg/m ³ NPK-P: 550mg/m ³
BENZYL ALCOHOL		HTP (8h): 10 ppm HTP (8h): 45 mg/m ³			PEL: 40mg/m ³ NPK-P: 80mg/m ³

Chemical Name	Poland	Ireland
2-METHOXY-1-METHYLETHYL ACETATE	NDSCh: 520 mg/m ³ NDS: 260 mg/m ³	TWA: 50 ppm TWA: 275 mg/m ³ STEL: 100 ppm STEL: 550 mg/m ³ Skin
BENZYL ALCOHOL	NDS: 240 mg/m ³	

8.2. Exposure controls

Control parametres

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 Regulation (EU) 2016/425.

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 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.

Appearance	Colorless	Specific Gravity	1.06
Physical State	Liquid	Solubility	Partially soluble in water
Odour	Solvent	Autoignition Temperature	315 °C
pH	Not applicable.	Viscosity	Fluid
Melting Point/Range	No information available.	Explosive properties	No information available
Boiling Point/Range	185 °C	Oxidizing Properties	No information available.
Flash Point	> 60 °C	VOC Content (%)	98.5 %
Method	Closed cup		
Evaporation Rate	No information available.		
Flammability Limits in Air %	No information available.		
Vapour pressure	No information available.		
Vapor Density	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
DIHYDRO-2(3H)-FURANONE	= 1540 mg/kg (Rat)	> 5640 mg/kg (Rabbit)	> 5100 mg/m ³ (Rat) 4 h
2-METHOXY-1-METHYLETHYL ACETATE	= 8532 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 16000 mg/m ³ (Rat) 6 h
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.

STOT- single exposure

STOT- single exposure: Category 3

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

11.2 Information on Other Hazards

The product does not contain substances that have been identified as an endocrine disruptor

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	LC50 = 56 mg/L <i>Lepomis macrochirus</i> 96 h	500: 48 h <i>Daphnia magna</i> Straus mg/L EC50	EC50 = 360 mg/L <i>Desmodesmus</i> <i>subspicatus</i> 72 h EC50 = 79 mg/L <i>Desmodesmus</i> <i>subspicatus</i> 96 h
2-METHOXY-1-METHYLETHYL ACETATE	LC50 = 161 mg/L <i>Pimephales promelas</i> 96 h	500: 48 h <i>Daphnia magna</i> mg/L EC50	
BENZYL ALCOHOL	LC50 = 10 mg/L <i>Lepomis macrochirus</i> 96 h LC50 = 460 mg/L <i>Pimephales promelas</i> 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 Endocrine disrupting properties

The product does not contain substances that have been identified as an endocrine disruptor

12.7 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 Maritime transport in bulk according to IMO instruments

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.

The oil must not be used as engine fuel. . .

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.

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Revision summary

SDS sections updated : 15 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: Wassergefährdungsklasse (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 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