Revision: 30 Sep 2021

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name OVEN GLOOP

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

- Use of the substance/mixture: Oven cleaner. Decarboniser - professional use

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Cleaning Warehouse Ltd
- Address of Supplier: Unit A10, The Square,
  Grants Rd, Greenogue Business Park
  Rathcoole, Dublin 24
  D24H512

1.4 Emergency telephone number

- Emergency Telephone: 01 8092166 National Poison Centre, Beaumont

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Met. Corr. 1, Skin Corr. 1A

2.2 Label elements

GHS05

- Signal Word: Danger
- Hazard statements
  H314 - Causes severe skin burns and eye damage.
  H290 - May be corrosive to metals.
- Precautionary statements
  P234 - Keep only in original packaging.
  P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
  P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  P264 - Wash
  P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
  P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  P363 - Wash contaminated clothing before reuse.
  P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  P310 - Immediately call a POISON CENTER or doctor/physician.
  P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

SECTION 2: Hazards identification (....)

contact lenses, if present and easy to do. Continue rinsing.
P405 - Store locked up.

2.3 Other hazards

- Contains: SODIUM HYDROXIDE
  QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- SODIUM HYDROXIDE
  CAS Number: 1310-73-2
  EC Number: 215-185-5
  Concentration: 15-30%
  Categories: Skin Corr. 1A
  Symbols: GHS05
  H Statements: H314
- β-ALANINE, N-(2-CARBOXYETHYL)-,N-COCO ALYKYL DERIVS.,DISODIUM SALTS
  CAS Number: 90170-43-7
  EC Number: 290-476-8
  Concentration: 3-5%
  Categories: Eye Irrit. 2
  Symbols: GHS07
  H Statements: H319
- QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES
  CAS Number: 68424-85-1
  EC Number: 270-325-2
  Concentration: 0-1%
  Categories: Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1
  Symbols: GHS05, GHS07, GHS09
  H Statements: H302, H314, H318, H400, H410

SECTION 4: First aid measures

4.1 Description of first aid measures

- Wash contaminated clothing before reuse.
- Contact with eyes
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Continue flushing with water until medical help arrives
- Contact with skin
  IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

SECTION 4: First aid measures (....)

- Ingestion
  IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
  Give plenty of water to drink
  Get medical advice/attention.

- Inhalation
  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes, skin and mucous membranes

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

If safe to do so, larger spillages or residues can be neutralised with acid solution.

- Absorb spillage in suitable inert material
- Remove contaminated material to safe location for subsequent disposal
- Flush spill area with copious amounts of water

6.4 Reference to other sections

- See Section for handling precautions

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place
- Store locked up.

SECTION 7: Handling and storage (....)

- Keep away from aluminium, zinc, copper and tin

7.3 Specific end use(s)

see section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- SODIUM HYDROXIDE
  DNEL (Consumer; inhalational, long term local effects): 1 mg/m³
  DNEL (Industry; dermal, short term local effects): 2 mg/kg/day
  DNEL (Industry; inhalational, long term local effects): 1 mg/m³
  DNEL (Industry; inhalational, short term local effects): 2 mg/m³
  Short-term exposure limit (15minute): WEL 2 mg/m³

8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.


Gloves


Goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Clear viscous liquid
- Odour: Slight, fatty
- Boiling Point/Range: >100 deg C
- Density: 1.1 g/cm³ at 20 °C
- Flashpoint: Not applicable
- pH: 13 at 1 % concentration

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- Reacts with aluminium, zinc, copper and tin

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

SECTION 10: Stability and reactivity (....)

- Contact with alkali metals may form flammable gases

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Causes burns to skin and severe damage to eyes.
Ingestion can cause burns to mouth and throat

- SODIUM HYDROXIDE
  LD_{50} (oral, rabbit): >500 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

- SODIUM HYDROXIDE
  EC_{50} (daphnia): 40-240 mg/l (48 hr)
  LC_{50} (fish): 33-189 mg/l (96 hr)
- β-ALANINE, N-(2-CARBOXYETHYL)-,N-COCO ALYKYL DERIVS.,DISODIUM SALTS
  EC_{50} (daphnia): 97.5 mg/l (48 hr)
  LC_{50} (fish): 4.2 mg/l (96 hr)
- QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES
  EC_{50} (daphnia): 0.03 mg/l (48 hr)
  LC_{50} (fish): 1.70 mg/l (96 hr)
  PNEC (Fresh water): 0.0009 mg/l
  PNEC (Marine water): 0.00009 mg/l
  PNEC (Sediment; fresh water): 0.267 mg/kg
  PNEC (Sediment; marine water): 0.0267 mg/kg
  PNEC (Soil): 7 mg/kg
  PNEC (STP): 0.4 mg/l

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- Low bioaccumulation potential

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

Discharge into water courses may have adverse efects on aquatic organisms.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

SECTION 14: Transport information

Corrosive

14.1 UN number or ID number

- UN No.: 1719

14.2 UN proper shipping name

- Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 8

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- May cause acute effects in the aquatic environment

14.6 Special precautions for user

- Contains: SODIUM HYDROXIDE

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable

SECTION 15: Regulatory information

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

- The Chemicals (Hazard Information and Packaging) Regulations applies in the UK

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Goods by Road
ATE Acute Toxicity Estimate

SECTION 16: Other information (....)

CAS Chemical Abstracts Service
CHIP Chemicals (Hazard Information and Packaging) Regulations—Directives 1999/45.EC and 67/548/EC
CLP Classification and Labelling of Chemicals—Regulation (EC) No. 1272/2008
CMR Carcinogenic-Mutagenic-Toxic for reproduction
DNEL Derived No Effect Level
EINECS European Inventory of Existing Commercial Chemical Substances
GHS Globally Harmonised System of Classification and Labelling of Chemicals
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods Code
LC50 Lethal Concentration, 50%
LD50 Lethal Dose, 50%
MARPOL International Convention for the Prevention of Pollution From Ships
NOEC No Observed Effect Concentration
NOAEL No Observed Adverse Effect Level
OEL Occupational Exposure Limit
PBT Persistent, Bioaccumulative, Toxic
PNEC Predicted No Effect Concentration
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
vPvB very Persistent, very Bioaccummulative
RID Convention concerning International Carriage by Rail
STP Sewage Treatment Plants
WEL Workplace Exposure Limit
VOC Volatile Organic Compound

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