

Safety Data Sheet

acc. to OSHA HCS



Printing date 06/15/2021

Reviewed on 10/28/2020

1 Identification

- **Product identifier**
- **Trade name:** *Hilway Direct AllSafe Stripper*
- **Application of the substance / the mixture** Cleaning material/ Detergent
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - Hilway Direct
 - 12 McCullough Dr, Suite 10
 - New Castle, DE 19720
 - Product and Technical Information: 1-877-356-6748
 - Website: www.hilway.com
 - E-Mail: infot@hilway.com
- **Information department:** Department for product development
- **Supplier/Producer:**
- **Information department:**
 - Department for product development
 - E-Mail: info@hilway.com
- **Emergency telephone number:**
 - * **Call INFOTRAC 1-800-535-5053 (24/7/365)**

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Not applicable
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard statements** Not applicable
- **Information pertaining to particular dangers for man and environment:**
- **NFPA ratings (scale 0 - 4)**
 -  Health = 0
Fire = 1
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**
 -  HEALTH 0 Health = 0
FIRE 1 Fire = 1
REACTIVITY 0 Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Identification number(s)** 5NP0-Q0Q2-Q00Q-HWXD
- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

102-71-6	Triethanolamine	1-5%
15763-76-5	sodium p-cumenesulphonate	1-5%
164462-16-2	Alanine, N,N-bis(carboxymethyl)-, sodium salt	1-5%
100-51-6	benzyl alcohol	1-5%
68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated	1-5%

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Immediately remove any clothing soiled by the product.
No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Rinse out mouth and then drink plenty of water.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Nicht anwendbar
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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· Protective Action Criteria for Chemicals

· PAC-1:

102-71-6	Triethanolamine	15 mg/m ³
100-51-6	benzyl alcohol	30 ppm
5989-27-5	d-limonene	15 ppm

· PAC-2:

102-71-6	Triethanolamine	240 mg/m ³
100-51-6	benzyl alcohol	52 ppm
5989-27-5	d-limonene	67 ppm

· PAC-3:

102-71-6	Triethanolamine	1,500 mg/m ³
100-51-6	benzyl alcohol	740 ppm
5989-27-5	d-limonene	170 ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store receptacle in a well ventilated area.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

102-71-6 Triethanolamine

TLV	Long-term value: 5 mg/m ³
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100-51-6 benzyl alcohol

WEEL	Long-term value: 10 ppm
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling.

- **Body protection:** Light weight protective clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Fluid
Color: Colorless

- **Odor:** Mild

- **Odor threshold:** Not determined.

- **pH-value at 20°C (68°F):** 10

- **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100°C (212°F)

- **Flash point:** >100°C (>212°F) (Seta Flash Closed Cup)

- **Flammability (solid, gaseous):** Not applicable.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

- **Vapor pressure at 20°C (68°F):** 23 hPa (17.3 mm Hg)

- **Density at 20°C (68°F):** 1.036 g/cm³ (8.645 lbs/gal)

- **Relative density** Not determined.

- **Vapor density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water: Fully miscible.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic: Not determined.

Kinematic at 20°C (68°F): 20 s (ISO 3 mm)

- **Solvent content:**

Organic solvents: 5.1 %

VOC content ASTM D3960: 5.07 %

52.5 g/l / 0.44 lb/gal

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- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** See Section 7
- **Chemical stability** Stable under recommended handling and storage conditions (see section 7).
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

15763-76-5 sodium p-cumenesulphonate

Oral	LD50	>2,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>5 mg/l (rat)

100-51-6 benzyl alcohol

Oral	LD50	1,230-1,620 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>4,178 mg/l (rat) (OECD 403)

68154-97-2 fatty alcohol, C10-12, ethoxylated, propoxylated

Oral	LD50	>2,000 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

102-71-6	Triethanolamine	3
5989-27-5	d-limonene	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

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12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

15763-76-5 sodium p-cumenesulphonate

EC50/48h (static) >100 mg/l (Daphnia magna)

LC50/96h (static) >100 mg/l (Oncorhynchus mykiss (Rainbow trout))

EC50/96h (static) >100 mg/l (green alga)

100-51-6 benzyl alcohol

EC50/48h 230 mg/l (Daphnia magna) (OECD 202)

68154-97-2 fatty alcohol, C10-12, ethoxylated, propoxylated

EC50/48h 1-10 mg/l (Daphnia magna)

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods** Disposal must be made according to official regulations.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**

- **DOT, ADR, ADN, IMDG, IATA** Not applicable

- **UN proper shipping name**

- **DOT, ADR, ADN, IMDG, IATA** Not applicable

- **Transport hazard class(es)**

- **DOT, ADR, ADN, IMDG, IATA**

- **Class** Not applicable

- **Packing group**

- **DOT, ADR, IMDG, IATA** Not applicable

- **Environmental hazards:** Not applicable.

- **Special precautions for user** Not applicable.

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- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** Not applicable

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
102-71-6	Triethanolamine	ACTIVE
29911-28-2	(2-butoxymethylethoxy)propanol	ACTIVE
164462-16-2	Alanine, N,N-bis(carboxymethyl)-, sodium salt	ACTIVE
100-51-6	benzyl alcohol	ACTIVE
68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated	ACTIVE
69011-36-5	isotridecanol, ethoxylated (3/4/5 EO)	ACTIVE
77-92-9	citric acid	ACTIVE
91844-53-0	Sorbitansesquioctanoat	ACTIVE
5989-27-5	d-limonene	ACTIVE
5392-40-5	citral	ACTIVE
80-56-8	alpha-Pinene	ACTIVE
470-82-6	eucalyptol	ACTIVE
586-62-9	terpinolene	ACTIVE
78-70-6	Linalool	ACTIVE
110-41-8	2-methylundecanal	ACTIVE
106-24-1	Geraniol	ACTIVE
106-23-0	citronellal	ACTIVE
106-22-9	dl-Citronellol	ACTIVE

- **Hazardous Air Pollutants**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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· **Carcinogenicity categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value)**

80-56-8 | alpha-Pinene

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **GHS label elements** Not applicable
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard statements** Not applicable
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Department for product development
- **Contact:**
- **Date of preparation / last revision** 06/15/2021
- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit