

Safety Data Sheet



Revision Date 09-Sep-2014
Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name KILL ODOR
Product code W.20230

Manufacturer Chemspec
901 North Newkirk Street
Baltimore, MD 21205

Emergency telephone number Chemtrec: 1-800-424-9300 for US
+1 703-527-3887 outside US

2. Hazards identification

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Potential Health Effects

Acute toxicity

Eyes

May cause slight irritation.

Skin

No known effect based on information supplied.

Inhalation

No known effect based on information supplied.

Ingestion

No known effect based on information supplied.

Chronic Effects

No known effect based on information supplied.

Aggravated Medical Conditions

None known.

Environmental hazard

See Section 12 for additional Ecological Information.

3. Composition/information on ingredients

4. First aid measures

General advice Show this material safety data sheet to the doctor in attendance.

Eye contact Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Inhalation Move to fresh air.

Ingestion Gently wipe or rinse the inside of the mouth with water.

Notes to physician Treat symptomatically.

KILL ODOR

5. Fire-fighting measures

| | |
|--|--|
| Flammable Properties | Not flammable. |
| Flash point | Not determined. Not Determined |
| Suitable extinguishing media | Water spray. Foam. Dry powder. |
| Explosion Data | |
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | None. |
| Protective Equipment and Precautions for Firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

6. Accidental release measures

| | |
|----------------------------------|---|
| Personal precautions | Use personal protective equipment. |
| Environmental precautions | No special environmental precautions required. |
| Methods for Containment | Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up | 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). |

7. Handling and storage

| | |
|--|--|
| Advice on safe handling | Wear personal protective equipment. |
| Technical measures/Storage conditions | Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry and cool place. |

8. Exposure controls/personal protection

| | |
|--------------------------------------|---|
| Exposure Guidelines | This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
| Engineering Measures | Showers Eyewash stations Ventilation systems. |
| Personal Protective Equipment | |
| Hand Protection | Rubber/latex/neoprene or other suitable chemical resistant gloves |
| Eye/Face Protection | Safety glasses with side-shields. |
| Skin and body protection | Skin and body protection. |
| Respiratory protection | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| Hygiene measures | When using, do not eat, drink or smoke. |

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9. Physical and chemical properties

| | |
|-----------------------|--------------|
| Physical state | Liquid |
| Appearance | Clear liquid |
| Odor | Technical |
| Color | Amber |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Methods</u> |
|---|-------------------|--------------------------|
| pH | 3.85 | |
| Boiling point/boiling range | Not Determined | |
| Flash Point | Not Determined | |
| Evaporation rate | no data available | |
| Explosion Limits | | |
| upper | | |
| lower | | |
| Vapor pressure | no data available | |
| Vapor density | no data available | |
| Specific Gravity | 1.001 g/cc | |
| Viscosity, kinematic | no data available | |
| Water solubility | no data available | |
| Partition coefficient: n-octanol/water | no data available | |
| Explosive properties | no data available | |

Other information

Volatile organic compounds (VOC) content <2%

Melting/freezing point

Freezing Point No information available

10. Stability and reactivity

Stability/Reactivity Stable under recommended storage conditions.

Incompatible products None known based on information supplied.

Conditions to Avoid Direct sources of heat.

Hazardous Decomposition Products Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

Hazardous Polymerization Hazardous polymerization does not occur.

11. Toxicological information

Acute toxicity

Product Information The product itself has not been tested.

Component Information No information available

Chronic toxicity

Chronic toxicity No information available

Target Organ Effects None known.

12. Ecological information

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Ecotoxicity

No information available.

Persistence and degradability No information available.**Bioaccumulation** No information available.**Mobility** No information available.**13. Disposal considerations**

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information**DOT** Not regulated**MEX** Not regulated**15. Regulatory information****International Inventories**

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |
| NZIoC | Complies |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

"-" - Unknown. Not listed.

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

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SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute Health Hazard | No |
| Chronic Health Hazard | Yes |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

16. Other information

| | | | | |
|-------------|------------------------|-----------------------|-------------------------------|--|
| NFPA | Health Hazard 0 | Flammability 0 | Stability/Reactivity 0 | Physical and chemical hazards - |
| HMIS | Health Hazard 0 | Flammability 0 | Physical Hazard 0 | Personal protection - |

Prepared By Chemspec Regulatory Affairs/Product Safety

Revision Date 09-Sep-2014

Revision Note No information available.

Legend:

Disclaimer

The information provided on this MSDS 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 Material Safety Data Sheet