



SAFETY DATA SHEET

1. Product and company identification

Product Name Hi-Velocity Degreaser
UN/ID No. DOT (U.S.): Not regulated

Recommended use of the chemical and restrictions on use

Recommended Use For Industrial and Commercial Use

Supplier: Butler Chemicals, Inc.
3070 E. Ceena CT.
Anaheim, CA. 92806

Print date: May 26, 2017

Responsible name: K.B.
In case of emergency: HEALTH EMERGENCIES — SPILL EMERGENCIES
CALL INFOTRAC 1(800) 535-5053

Product type: Blend

2. Hazards identification

Appearance: Light amber **Physical State:** Liquid **Odor:** Mild odor

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Acute toxicity	Category 4 – Inhalation
Acute Aquatic Toxicity	Category 1

SIGNAL WORD: Warning



Hazard Statement:

Causes serious eye irritation
Harmful if swallowed
Harmful by inhalation
Causes skin irritation

Potential Health Effects

Exposure routes: Inhalation, Skin absorption, Skin contact, Eye contact, Ingestion

Eye contact: Eye contact may result in corneal injury. Contact causes serious eye irritation. Do not get this material in contact with eyes.

Inhalation: Do not breathe dust/fume/gas/mist/vapors/spray. Prolonged inhalation may be harmful.

Ingestion: Do not ingest. Harmful if swallowed, will cause throat irritation.

Precautionary Statements – Preventions

Keep away from children, Read label before use.
Do not get in eyes, on skin, or on clothing.
Avoid breathing mist or spray.
Do not take internally. Harmful if swallowed
Use with adequate ventilation and wear respiratory protection when exposure to mist or spray is possible.
When handling, wear chemical splash goggles, face shield, rubber gloves and protective clothing.
Wash thoroughly after handling as contact or exposure can cause irritation.
Avoid contact with acidic materials.
Keep container closed.

Precautionary Statements – Response

Immediately call a POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower, wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable before breathing. Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse Mouth. Do **NOT** induce vomiting.

Precautionary Statements – Storage

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

Precautionary Statements –Disposal

Dispose of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Tetrasodium ethylenediamine tetraacetate	64-02-8	<12.00
Ethoxylated Alcohols	Proprietary	>12.00

4. First aid measures

Eye contact: IMMEDIATELY flush eyes gently with a directed stream of water for at least 30 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Remove contact lenses, if present and easy to do so. Continue rinsing. GET MEDICAL ATTENTION IMMEDIATELY.

Skin contact: Flush skin thoroughly with cool water for at least 15 minutes. Remove contaminated clothing and wash clothing before reuse. If irritation occurs and persists, GET MEDICAL ATTENTION.

Inhalation: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. Keep at rest in a position comfortable for breathing. If respiration stops, give mouth-mouth resuscitation. GET PROMPT MEDICAL ATTENTION IF SYMPTOMS DEVELOP.

Ingestion: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended. GET MEDICAL ATTENTION IMMEDIATELY.

General advice Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

Note to physician

Provide general supportive measures and treat symptomatically.

5. Fire-fighting measures

Fire Hazard	Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. May react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas which can form explosive mixtures in air
Extinguishing media	Use extinguishing agents appropriate for surrounding fire
Unsuitable extinguishing media	No data available
Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus. Thoroughly decontaminate firefighting equipment including all fire fighting wearing apparel after the incident.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In the event of fire and/or explosion do not breathe fumes.

6. Accidental release measures

Personal precautions:	Wear protective clothing as described in Section 8 of this safety data sheet. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Only trained and properly protected personnel must be involved in clean-up operations. Ventilate area of leak or spill. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised in significant spillages cannot be contained. For personal protection, see section of the SDS.
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information
Methods for Containment	Stop the flow of material, if this is without risk. Prevent further leakage or spillage if safe to do so. Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Collect spillage. Absorb spilled liquid with suitable material such as dirt or sand. Wash the spill site with water. Prevent entry into waterways, sewer, basements or confined areas.
Methods for Clean-Up	<p>Pick up and transfer to properly labeled containers. Ventilate the contaminated area. Wear appropriate protective equipment and clothing during clean-up. Should not be released into the environment. Prevent product from entering drains.</p> <p>Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Do not allow material to contaminate ground water system. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.</p> <p>Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. This material and its container must be disposed of as hazardous waste. For waste disposal, see section 13 of the SDS.</p>

7. Handling and storage

Handling:	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Do not breath dust/fume/gas/mist/vapors/spray
Storage	Keep away from heat and direct sunlight. Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep from freezing.
Incompatible Materials	Acids, Strong oxidizing agents. Chlorine.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls	Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Local exhaust ventilation recommended. Eye wash stations. Showers.
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Apply technical measures to comply with the occupational exposure limits.

Individual-protection measures, such as personal protective equipment

Personal protective equipment General	Avoid contact with skin. Avoid contact with eyes. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standard and in discussion with the supplier of the personal protective equipment.
Eye/Face Protection	Wear chemical anti-splash safety goggles. Do not get in eyes. Eye wash fountain is recommended
Skin and Body Protection	Avoid contact with the skin. Wear suitable protective clothing. Wear rubber gloves. Suitable protective clothing.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
General Hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Physical state	Liquid
Color	Light Amber
VOC	45.20 Gr. Per Liter
Boiling point	212 ⁰ F
Solubility in water	100%
Percent volative by weight	13%
Specific Gravity (H20=1)	Approx. 1
Vapor Pressure	Not determined
Evaporation Rate (Butylacetate=1)	Slower than water
pH	12%
Flash Point	Non Flammable

10. Stability reactivity

Stability	Under normal conditions, the material is stable.
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Conditions to avoid	Avoid extreme heat and direct sunlight. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible Products	Acids, Flammable liquids, Halogenated compounds, Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use

11. Toxicological information

Toxicity: When in solution, this material will affect all tissues with which it comes in contact. The severity of the tissue damage is a function of its concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur. This material is a strong irritant and is corrosive to the skin, eyes, and mucous membranes. This material may cause severe burns and permanent damage to any tissue with which it comes into contact.

Sensitization Not classified
Acute effects May be harmful in contact with skin. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Local effects Irritating to skin. Contact may irritate or burn eyes

Chronic Effects Hazardous by OSHA criteria. Prolonged inhalation may be harmful.

Carcinogenicity This product is not considered to be a carcinogen in IARC, ACGIH, NTP, or OSHA

Skin corrosion/irritation Irritating to skin. Prolonged skin contact may cause temporary irritation.

Mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive effects This product is not expected to cause reproductive or developmental effects.

Symptoms and target organs Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Moderate skin irritation.

CARCINOGENICITY: This product is not classified as a carcinogen by NTP, IARC or OSHA

12. Ecological information

Ecological Hazards: This material has exhibited moderate toxicity to aquatic organisms.

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION** for additional handling information and protection of employees.

14. Transport information

U.S. Dot: Not Regulated

15. Regulatory information

Materials in non-bulk quantities shipped domestically with the United States are not-regulated.

EPCRA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30): Not regulated

EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40 CFR 370.10): Acute Health Hazard

EPCRA SECTION 313 (40 CFR 372.65): Not regulated

OSHA PROCESS SAFETY (PSM) (29 CFR 1910.119): Not regulated

FDA: This material have Generally Recognized as Safe (GRAS) status under specific FDA regulations. Additional information is available from the Code of Federal Regulations which is accessible on the FDA's website. This product is not produced under all current Good Manufacturing Practices (CGMP) requirements as defined by the Food and Drug Administration (FDA).

NATIONAL INVENTORY STATUS

U.S. INVENTORY STATUS: Toxic Substance Control Act (TSCA): All components are listed or exempt

Tsca 12(b): This product is not subject to export notification

STATE REGULATIONS

US – California Proposition 65 – This product is not listed, but it may contain impurities/trace elements known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 Sate Drinking Water and Toxic Enforcement Act.

16. Other information

<u>HMIS</u>	Health Hazards	Flammability	Reactivity	Personal Protection
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 **Indicates information that has changed from previously issued version.**

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and in not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet