



Safety Data Sheet

Report Date 17-Dec-15

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1. Identification

Product Name : Velossa
Synonyms : None
Product Use : Hexazinone Selective Herbicide
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification



Signal Word : Danger
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes serious eye damage
Acute Toxicity Oral : LD50 1,200 mg/kg (rat)
Acute Toxicity Dermal : LD50 5,278 mg/kg (rabbit)

Hazard Categories : Oral/Dermal/Inhalation Toxicity-4/5/4; Eye/Skin Irritation-1/3

Hazard Statement : Harmful if swallowed
May be harmful in contact with skin
Causes serious eye damage
Causes mild skin irritation
Harmful if inhaled

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Hexazinone	51235-04-2	25
(3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1H, 3H)dione)		
Formulation aids	Nonhazardous	75

4. First Aid Measures

Eye : Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move to fresh air. If irritation persists, seek medical attention.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a physician or poison control center. Do not give anything by mouth if unconscious.

Indication of Immediate Medical Attention and Special Treatment Needed : Probable mucosal damage may contraindicate the use of gastric lavage.

5. Fire Fighting Measures



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Extinguishing Media : Use water spray, foam, dry chemical or carbon dioxide extinguishing agents.
Specific Hazards Arising from the Chemical : None currently known.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing. Keep containers or tanks exposed to fire cool with water spray.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel out of spill area.
Protective Equipment : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
Emergency Procedures : Contain spilled product. Prevent spilled material from entering sewers, waterways or drains.
Methods and Materials for Containment and Cleanup : Recover free liquids with an inert absorbent. Shovel or sweep up and place in suitable containers for proper disposal.

7. Handling and Storage

Precautions for Safe Handling : Do not contaminate water, food or feed by handling, storage or disposal.
Conditions for Safe Storage : Store product in original container only. Store in a cool, dry place.

8. Exposure Controls / Personal Protection

TLV/PEL : Hexazinone: no TLV or PEL established.
Appropriate Engineering Controls : Good general ventilation should be sufficient.
Personal Protective Equipment : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Clear colorless liquid, no odor information.
Flash Point, °F : >200 Degrees F.
Boiling Point, °F : >200 Degrees F.
Melting Point(Freezing point), °C : Not determined
Vapor Pressure, mm Hg @ 20 °C : No information found
Vapor Density : No information found
Solubility in Water : Dispersible
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.158-1.178
Evaporation Rate(Butyl Acetate = 1) : <0.005
Octanol/Water Partition Coefficient : No information found
pH : 6.0 to 8.0 (5%)
Flammable Limits (approximate volume % in air) : No information found
Auto-ignition Temperature : Not determined
Decomposition temperature : No information found



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10. Stability and Reactivity

- Reactivity** : No information found
- Chemical Stability** : Stable
- Hazardous Decomposition** : May produce toxic and irritating fumes under fire conditions.
- Products**
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : None currently known.
- Incompatible Materials** : May be incompatible with strong acids or bases.

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : 1,200 mg/kg (rat). Harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : >5,278 mg/kg (rabbit). May be harmful in contact with skin.
- Acute Toxicity Inhalation LC50** : 3.94 mg/L (rat). Harmful if inhaled.
- Likely Routes of Exposure** : Eyes, ingestion, inhalation
- Skin Irritation** : Causes mild skin irritation.
- Eye Irritation** : Causes serious eye damage.
- Skin Sensitization** : Not a sensitizer (Guinea pig).
- Carcinogenic** : Not listed by IARC, NTP or OSHA.
- Chronic Effects** : None currently known.
- Other Hazards** : None currently known.

12. Ecological Information

- Ecotoxicity** : No information found
- Persistence and Degradability** : No information found
- Bioaccumulative Potential** : No information found
- Mobility in Soil** : No information found
- Other Adverse Effects** : No information found

13. Disposal Considerations

- Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

- UN Proper Shipping Name** : Not regulated by DOT, IATA or IMDG.
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : No information found
- Transport in Bulk** : No information found
- Special Precautions for Transportation**
- Freight Classification** : Pesticides, NOI, Herbicides, Other than Poison (NMFC Item 155050, Sub 11, Class 70)

15. Regulatory Information



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National Fire Protection Association Rating :

Health: 2 Fire: 1 Reactivity: 1
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No) :

Immediate(Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

FIFRA Information : This Chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Registration Number : 5905-579
FIFRA Signal Word : Danger
FIFRA Label Statement : Causes irreversible eye damage.
FIFRA Label Statement : Harmful if swallowed.
FIFRA Label Statement : Do not get in eyes or on clothing.
FIFRA Label Statement : Wear protective eyewear (goggles, face shield, or safety glasses).
FIFRA Label Statement : Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
FIFRA Label Statement : Remove and wash contaminated clothing before reuse.

16. Other Information

Data of Preparation/Revision : 17-December-2015