

Section 1: Identification of the Substance/mixture and of the Company/undertaking

- 1.1 Product Name:** Hydrovance
Product Code: 516-843X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, Utah 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com
- 1.4 Emergency Telephone Number**
No additional information available.

SECTION 2: Hazards Identification

2.1 Emergency Overview

- **Appearance:** Liquid.
- **Color:** Light yellow.
- **Odor:** Odorless.

2.2 GHS Classification

Not a hazardous substance or mixture.

2.3 GHS Label Elements

Not a hazardous substance or mixture.

2.4 Carcinogenicity

- IARC:** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- OSHA:** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3: Composition/Information on Ingredients

3.1 Substance/Mixture

Chemical Name	CAS No.	Concentration %
Urea	57-13-6	>= 1 - <5

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General Advice: No hazards which require special first aid measures.

Inhalation: If breathed in, move person into fresh air. If symptoms persist, call a physician.

Skin Contact: Remove contaminated clothing and shoes. Rinse with water.

Eye Contact: Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.

Ingestion: Clean mouth with water and drink plenty of water afterwards. Never give anything by mouth to an unconscious person.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms: The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

Risks: No information available.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Use extinguishing measure that are appropriate to local circumstances and the surrounding environment.

Unsuitable: No information available.

5.2 Specific Hazards Arising From the Chemical

No hazard to be specifically mentioned.

5.3 Combustion Products

No hazardous combustion products are known.

5.4 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.

5.5 Further Information

Standard procedure for chemical fires.

See also Section 9. Physical and Chemical Properties: Safety Data.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

No conditions to be specifically mentioned. Follow safe handling advice and personal protective equipment recommendations.

6.2 Environmental Precautions

No specific environmental precautions required.

6.3 Methods and Material for Containment and Cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

6.4 Reference to Other Sections

For disposal considerations see Section 13.

For personal protection see Section 8.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

For personal protection see Section 8. No special handling advice required.

Advice on Protection Against

Fire and Explosion:

Normal measures for preventative fire protections.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions:

Keep container tightly closed in a dry and well-ventilated place. Avoid temperatures below 5° C (41°F). No decomposition if stored and applied as directed.

Incompatible Materials:

No special restrictions on storage with other products.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Guidelines

Ingredients	CAS No.	Value	Control Parameters	Update	Basis
Urea	57-13-6	TWA	10 mg/m ³	2008-01-01	US WEEL

ACGIH: American Conference of Governmental Industrial Hygienists

BEI: Biological Exposure Index

MAC: Maximum Allowable Concentration

NIOSH: National Institute for Occupational Safety and Health

OEL: Occupational exposure limit.

STEL: Short term exposure limit

TWA: Time Weighted Average

8.2 Appropriate Engineering Controls

Effective exhaust ventilation system.

8.3 Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection:	Safety glasses.
Hand Protection:	Glove material: For prolonged or repeated contact use protective gloves.
Respiratory Protection:	No personal respiratory protective equipment normally required.
Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practices.

8.4 Environmental Exposure Controls

No special environmental precautions required.

SECTION 9: Physical and Chemical Properties
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9.1 Information on basic physical and chemical properties

Appearance

Form:	Liquid
Color:	Light yellow
Odor:	Odorless
Odor Threshold:	No data available

Safety Data

pH:	6 - 8.5
Melting Point/Freezing Point:	No data available
Boiling Point/Boiling Range:	> 100°C
Flash Point:	Not applicable
Evaporation Rate:	No data available
Flammability (Solid, Gas):	Not applicable
Flammability (Liquids):	Not classified as a flammability hazard
Lower Explosion Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Vapor Pressure:	No data available
Relative Vapor Density:	No data available
Density:	1.128 kg/m ³ at 25°C
Relative Density:	1.13 at 25°C
Water Solubility:	Soluble
Solubility in Other Solvents:	No data available

Partition Coefficient:	
n-octanol/water:	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity, Dynamic:	< 200 mPa.s
Viscosity, Kinematic:	No data available
Explosive Properties:	Not explosive
Oxidizing Properties:	The substances or mixture is not classified as oxidizing.

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under recommended storage conditions

10.3 Possibility of Hazardous Reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to Avoid

None known.

10.5 Incompatible Materials

None known.

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: Toxicological Information

11.1 Hazard Summary

Acute Toxicity:	Not classified based on available information.
Skin Corrosion/Irritation:	Not classified based on available information.
Serious Eye Damage/Irritation:	Not classified based on available information.

Respiratory/Skin Sensitization: Not classified based on available information.
Germ Cell Mutagenicity: Not classified based on available information.
Carcinogenicity: Not classified based on available information.
Reproductive Toxicity: Not classified based on available information.
STOT - Single Exposure: Not classified based on available information.
STOT - Repeated Exposure: Not classified based on available information.
Aspiration Hazard: Not classified based on available information.

Potential Health Effects

Inhalation: Not expected to be irritating.
Skin: Not expected to be irritating.
Eyes: Not expected to be irritating.
Ingestion: Not expected to be irritating.
Aggravated Medical Condition: None known.
Symptoms of Overexposure: The symptoms and effects are as expected from the hazards as shown in Section 2. No specific product related symptoms are known.

Toxicology Assessment

Further Information: No further data available.

Test Result

Acute Oral Toxicity: LD50: > 5,000 mg/kg
Species: Rat
Method: OECD Test Guideline 401

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

11.2 Toxicology Data for the Ingredients

Test Result

Component: Urea

Acute Oral Toxicity:

LD50: > 5,000 mg/kg

Species: Rat

Literature data.

SECTION 12: Ecological Information

PRODUCT INFORMATION:

12.1 Ecotoxicity Effects

Toxicity to Fish:

LC50: > 1,000 mg/l

Exposure time: 96 h

Species: Oncorhynchus mykiss (rainbow trout)

12.2 Persistence and Degradability

Bioaccumulation:

Bioaccumulation is unlikely.

Mobility:

No data available.

Biodegradability:

Result: Readily Biodegradable

Method: OECD Test Guideline 301B

12.3 Further Information on Ecology

Biochemical Oxygen

Demand (BOD):

No data available.

12.4 Hazardous to the Ozone Layer

Regulation:

40 CFR Protection of Environment; Part 82

Protection of Stratospheric Ozone - CAA

Section 602 Class I Substances

Remarks:

This product neither contains, nor was manufacture with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

INGREDIENTS INFORMATION:

12.5 Ecotoxicity Effects

Test Result

Component: Urea

Toxicity to fish:

LC50: > 100 mg/l
Exposure Time: 96 h
Species: Fish
Literature data.

12.6 Persistence and Degradability

Bioaccumulation:

No data available.

Mobility:

No data available.

Biodegradability:

Result: Readily Biodegradable
Literature data.

17.7 Further Information on Ecology

**Biochemical Oxygen
Demand (BOD):**

No data available.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal of Wastes:

Waste must be disposed of in accordance with federal, state and local environment control regulations.

Contaminated Packaging:

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

SECTION 14: Transport Information

14.1 International Regulations

ADR

Not regulated as a dangerous good.

UNRTDG

Not regulated as a dangerous good.

IATA-DGR

Not regulated as a dangerous good.

IMDG-Code

Not regulated as a dangerous good.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Further Information for Transport

Not classified as dangerous in the meaning of transport regulations.

14.2 Domestic Regulation

49 CFR

Not regulated as a dangerous good.

TDG

Not regulated as a dangerous good.

NOM-002-SCT

Not regulated as a dangerous good.

SECTION 15: Regulatory Information

15.1 Notification Status

DSL:	Yes. All components of this product are on the Canadian DSL.
AICS:	Yes. On the inventory, or in compliance with the inventory
NZIoC:	Yes. On the inventory, or in compliance with the inventory
ENCS:	No. Not in compliance with the inventory
ISHL:	No. Not in compliance with the inventory
KECI:	No. Not in compliance with the inventory
PICCS:	Yes. On the inventory, or in compliance with the inventory
IECSC:	Yes. On the inventory, or in compliance with the inventory
TCSI:	Yes. On the inventory, or in compliance with the inventory
TSCA:	Yes. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA inventory exemption.

For explanation of abbreviations, see Section 16.

TSCA List

TSCA 5(a)(2): No substances are subject to a Significant New Use Rule.
TSCA 12(b): No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know

No information available.

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

No SARA Hazards.

SARA 302

This material does not contain any components with a section 302 EHS TPQ.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals subject to disclosure and listed under the U.S. Clean Air Act Section 112® for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section !!! SOCOMI Intermediate or Final VOC's (40 CFR 60.489):

Urea	57-13-6	1-5%
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Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

California Prop. 65

WARNING: This product can expose you to chemicals including Diethanolamine, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other Information

16.1 Full Text of Other Abbreviations

US WHEEL:	USA. Workplace Environmental Exposure Levels (WEEL)
US WEEL / TWA:	8-hr TWA
AICS:	Australian Inventory of Chemical Substances
ANTT:	National Agency for Transport by Land of Brazil
ASTM:	American Society for the Testing of Materials
bw:	Body weight
CMR:	Carcinogen, Mutagen or Reproductive Toxicant
CPR:	Controlled Products Regulations
DIN:	Standard of the German Institute for Standardization
DSL:	Domestic Substances List (Canada)
Ec _x :	Concentration associated with x% response
El _x :	Loading rate associated with x% response
EmS:	Emergency Schedule
ENCS:	Existing and New Chemical Substances (Japan)
ErC _x :	Concentration associated with x% growth rate response
ERG:	Emergency Response Guide
GHS:	Globally Harmonized System
GLP:	Good Laboratory Practice
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
IBC:	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC ₅₀ :	Half maximal inhibitory concentration
ICAO:	International Civil Aviation Organization
IECSC:	Inventory of Existing Chemical Substances in China
IMDG:	International Maritime Dangerous Goods
IMO:	International Maritime Organization
ISHL:	Industrial Safety and Health Law (Japan)
ISO:	International Organization for Standardization
KECI:	Korea Existing Chemicals Inventory
LC ₅₀ :	Lethal Concentration to 50% of a test population
LD ₅₀ :	Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL:	International Convention for the Prevention of Pollution from Ships
n.o.s.:	Not Otherwise Specified
Nch:	Chilean Norm

NO(A)EC:	No Observed (Adverse) Effect Concentration
NO(A)EL:	No Observed (Adverse) Effect Level
NOELR:	No Observable Effect Loading Rate
NOM:	Official Mexican Norm
NTP:	National Toxicology Program
NZIoC:	New Zealand Inventory of Chemicals
OECD:	Organization for Economic Co-operation and Development
OPPTS:	Office of Chemical Safety and Pollution Prevention
PBT:	Persistent, Bioaccumulative and Toxic substance
PICCS:	Philippines Inventory of Chemicals and Chemical Substances
(Q)SAR:	(Quantitative) Structure Activity Relationship
REACH:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
SADT:	Self-Accelerating Decomposition Temperature
SDS:	Safety Data Sheet
TCSI:	Taiwan Chemical Substance Inventory
TDG:	Transportation of Dangerous Goods
TSCA:	Toxic Substances Control Act (United States)
UN:	United Nations
UNRTDG:	United Nations Recommendations on the Transport of Dangerous Goods
vPvB:	Very Persistent and Very Bioaccumulative
WHMIS:	Workplace Hazardous Materials Information System

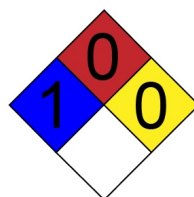
16.2 Further Information

HMIS Classification

Health Hazard:	1
Flammability:	0
Physical Hazards:	0

NFPA Classification

Health Hazard:	1
Fire Hazard:	0
Reactivity Hazard:	0



Notification Status Explanation

REACH:	1907/2006 (EU)
DSL:	Canadian Domestic Substances List (DSL)
AICS:	Australia Inventory of Chemical Substances (AICS)
NZIoC:	New Zealand. Inventory of Chemical Substances
ENCS:	Japan. Existing and New Chemical Substances Inventory
ISHL:	Japan. Inventory of Chemical Substances
KECI:	Korea. Korean Existing Chemicals Inventory (KECI)
PICCS:	Philippines Inventory of Existing Chemicals and Chemical Substances (PICCS)
IECSC:	China. Inventory of Existing Chemical Substances in China
TSCI:	Taiwan Chemical Substance Inventory (TCSI)
TSCA:	United States TSCA Inventory

Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.