



**Safety Data Sheet  
HD Extender**

SDS Revision Date:

08/01/2017

**1. Identification**

**1.1. Product identifier**

**Product Identity**

HD Extender

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Intended use / Application Method**

See Technical Data Sheet.

**1.3. Details of the supplier of the safety data sheet**

**Company Name**

Orison Marketing, LLC  
4801 South Danville Drive  
Abilene, TX 79602

**Emergency**

**CHEMTREC (USA)**

(800) 424-9300

**24 hour Emergency Telephone No.**

(325) 692-1135 or US: 800-460-2403

**Customer Service: Orison Marketing, LLC**

US: 800-460-2403

**2. Hazard(s) identification**

**2.1. Classification of the substance or mixture**

Repr. 2;H361D

Suspected of damaging the unborn child.

STOT SE 3;H335

May cause respiratory irritation.

**2.2. Label elements**

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Warning**

H335 May cause respiratory irritation.

H361d Suspected of damaging the unborn child.



## Safety Data Sheet HD Extender

SDS Revision Date:

08/01/2017

### [Prevention]:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P271 Use only outdoors or in a well-ventilated area.

P281 Use personal protective equipment as required.

### [Response]:

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P308+313 IF exposed or concerned: Get medical advice / attention.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### [Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
<b>Glycerol</b> CAS Number: 0000056-81-5	50 - 60	Not Classified	[1] [2]
<b>C4-C12, Potassium Carboxylates</b> CAS Number: Proprietary	10 - 20	Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 Repr. 2;H361D	[1]
<b>Toltriazole</b> CAS Number: 0029385-43-1	< 1	Acute Tox. 4;H302 Eye Irrit. 2;H319 Aquatic Chronic 3;H412	[1]
<b>Water</b> CAS Number: 7732-18-5	Balance		

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures



## Safety Data Sheet HD Extender

SDS Revision Date:

08/01/2017

### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Overview</b>	No specific symptom data available. See section 2 for further details.
<b>Inhalation</b>	May cause respiratory irritation.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam. Do not use water jet.

### 5.2. Special hazards arising from the substance or mixture

Floor may become slippery

Hazardous decomposition: No hazardous decomposition data available.

Avoid breathing dust / fume / gas / mist / vapors / spray.

### 5.3. Advice for fire-fighters

Wear SCBA & all protective equipment

ERG Guide No. ----

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Floor may become slippery

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.



**Safety Data Sheet  
HD Extender**

SDS Revision Date:

08/01/2017

**6.3. Methods and material for containment and cleaning up**

Floor may become slippery.  
Use Absorbents, Vacuum.

**7. Handling and storage**

**7.1. Precautions for safe handling**

Avoid contact with skin and eyes.  
See section 2 for further details. - [Prevention]:

**7.2. Conditions for safe storage, including any incompatibilities**

Packaging Material: Recommended plastic.  
Incompatible materials: Strong oxidizing and reducing agents, strong acids

**7.2. Conditions for safe storage, including any incompatibilities**

**7.3. Specific end use(s)**

No data available.

**8. Exposure controls and personal protection**

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0000056-81-5	Glycerol	OSHA	TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp)
		ACGIH	TWA: 3 mg/m3 (respirable) 10 mg/m3 (mist)
		NIOSH	No established RELs
0029385-43-1	Tolutriazole	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	C4-C12, Potassium Carboxylates	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit



## Safety Data Sheet HD Extender

SDS Revision Date:

08/01/2017

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000056-81-5	Glycerol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
CAS No.	Ingredient	Source	Value
0029385-43-1	Tolutriazole	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	C4-C12, Potassium Carboxylates	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

#### Eyes

Always wear safety glasses or goggles.

#### Skin

Latex or rubber gloves are recommended.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	Brown/yellow to orange/red liquid
<b>Odor</b>	None
<b>Odor threshold</b>	Not determined
<b>pH</b>	7.5 – 9.5
<b>Melting point / freezing point</b>	None Known
<b>Initial boiling point and boiling range</b>	None Known
<b>Flash Point</b>	None Known
<b>Evaporation rate (Ether = 1)</b>	>1 ether=1
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured



**Safety Data Sheet  
HD Extender**

SDS Revision Date:

08/01/2017

<b>Vapor pressure (Pa)</b>	<b>Upper Explosive Limit:</b> Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	Not Measured
<b>Solubility in Water</b>	1.15
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Complete
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured

**10. Stability and reactivity**

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Keep away from extreme heat.

**10.5. Incompatible materials**

Strong oxidizing and reducing agents, strong acids

**10.6. Hazardous decomposition products**

No hazardous decomposition data available.

**11. Toxicological information**

**Acute toxicity**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Glycerol - (56-81-5)	12,600.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	No data available	No data available
C4-C12, Potassium Carboxylates - (Proprietary)	No data available	No data available	No data available	No data available	No data available
methyl-1H-benzotriazole - (29385-43-1)	720.00, Rat - Category: 4	No data available	No data available	No data available	No data available



**Safety Data Sheet**  
**HD Extender**

SDS Revision Date:

08/01/2017

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	2	Suspected of damaging the unborn child.
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**12. Ecological information**

**12.1. Toxicity**

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Glycerol - (56-81-5)	67,500.00, Oncorhynchus mykiss	10,000.00, Daphnia magna	Not Available
C4-C12, Potassium Carboxylates - (Proprietary)	Not Available	Not Available	Not Available
methyl-1H-benzotriazole - (29385-43-1)	64.80, Danio rerio	37.60, Daphnia magna	62.00 (72 hr), Scenedesmus subspicatus

**12.2. Persistence and degradability**

Primary ingredients are readily biodegradable. There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**



## Safety Data Sheet HD Extender

SDS Revision Date:

08/01/2017

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Applicable	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>14.6. Special precautions for user</b>	No further information		

## 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	D2A





## Safety Data Sheet

### HD Extender

SDS Revision Date:

08/01/2017

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%) :**

Glycerol

**Pennsylvania RTK Substances (>1%) :**

Glycerol

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H361D Suspected of damaging the unborn child.



## Safety Data Sheet

### HD Extender

SDS Revision Date:

08/01/2017

H412 Harmful to aquatic life with long lasting effects.

The information provided in this 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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Document