



## Safety Data Sheet

### Expel Odor Neutralizer

SDS Revision Date:

08/01/2017

## 1. Identification

### 1.1. Product identifier

<b>Product Identity</b>	Expel Odor Neutralizer
<b>Alternate Names</b>	Expel

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

<b>Intended use</b>	Odor Remover
<b>Application Method</b>	See Technical Data Sheet.

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

<b>Company Name</b>	Orison Marketing, LLC 4801 South Danville Drive Abilene, TX 79602
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### Emergency

<b>Emergency CHEMTREC (USA)</b>	(800) 424-9300
<b>Customer Service: Orison Marketing, LLC</b>	US: 800-460-2403

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

No applicable GHS categories.

### 2.2. Label elements

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

No applicable GHS categories.

#### [Prevention]:

No GHS prevention statements

#### [Response]:

No GHS response statements

#### [Storage]:

No GHS storage statements

#### [Disposal]:

No GHS disposal statements



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### 3. Composition/information on ingredients

Ingredient/Chemical Designations	Weight %	Notes
Water CAS Number: 7732-18-5	>99	
Oxychlorine Compounds CAS Number: Mixture	< 0.100	1
Inert Ingredients CAS Number: Mixture	< 0.100	1

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] At these concentrations none of the ingredients are known to pose any hazards to human health.

### 4. First aid measures

#### 4.1. Description of first aid measures

##### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

##### Inhalation

Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors and allow adequate time for the vapors to disperse before re-entering the restricted area.

##### Eyes

In case of contact, flush eyes with plenty of water.

##### Skin

Does NOT cause skin irritation.

##### Ingestion

Non-toxic. Give glass of water.

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

##### Overview

Inhalation: None expected. Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors and allow adequate time for the vapors to disperse before re-entering the restricted area.

Eye Contact: Eye contact may cause mild eye irritation with discomfort.

Skin Contact: Does NOT cause skin irritation and the product is NOT a skin sensitizer.

Ingestion: Product is non-toxic.



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## 5. Fire-fighting measures

### 5.1. Extinguishing media

Non-flammable liquid. Carbon Dioxide, Foam, Dry Chemical and Water Fog.

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

Hazardous decomposition: Thermal or other decomposition may yield chlorine dioxide or chlorine.

### 5.3. Advice for fire-fighters

Non-flammable liquid. Avoid breathing decomposition products. Fire fighters wear protective clothing and NIOSH approved respirator.

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).

### 6.2. Environmental precautions

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

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

Spilled material may be slippery. Small spills can be washed into chemical sewers. Large spills should be collected for disposal. Dike area to contain spill. Absorbent sand, earth, vermiculite or similar material. Wear appropriate protective equipment.

Incinerate or dispose of in approved solid waste disposal area per current regulations.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and strong acids. Handle containers carefully to prevent damage and spillage.

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

Incompatible materials: Strong Acids.

Store in a dry location away from heat and strong acids. Keep containers closed when not in use.

### 7.3. Specific end use(s)

No data available.



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## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
Mixture	Oxychlorine Compounds	OSHA	Not available
		ACGIH	Not available
		NIOSH	Not available

### 8.2. Exposure controls

#### Respiratory

None required for normal use, does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors and allow adequate time for the vapors to disperse before re-entering the restricted area.

#### Eyes

Not required for normal use.

#### Skin

Not required for normal use.

#### Engineering Controls

Use in adequately ventilated areas.

#### 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

#### Appearance

Clear Liquid

#### Odor

Mild-Fresh

#### Odor threshold

Not Measured

#### pH

8.2 – 9.7

#### Melting point / freezing point

Not Measured

#### Initial boiling point and boiling range

212 F (100 C)

#### Flash Point

Not Measured (non-flammable)

#### Evaporation rate (Ether = 1)

< 1 (Ether = 1)

#### Flammability (solid, gas)

Not Applicable

#### Upper/lower flammability or explosive limits

Lower Explosive Limit: Not Measured



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<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>	1.001 – 1.01 (Water = 1)
<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 (water like)

#### 9.2. Other information

No other relevant information.

## 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 strong acids.

#### 10.5. Incompatible materials

Strong acids.

#### 10.6. Hazardous decomposition products

Thermal or other decomposition may yield chlorine dioxide or chlorine.

## 11. Toxicological information

#### TOXICITY – Non Toxic

**Acute Inhalation** – Studies of formulation at 2x strength with Wistar Albino rats exposed to a respirable aerosol solution at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations.

**Eye Contact** – may be very mild ocular irritant

**Skin Contact** – Dermal LD<sub>50</sub> > 5000 mg/kg of body weight; not a dermal irritant; not a sensitizer.

**Oral / Swallowing** – Non Toxic. LD<sub>50</sub> > 5000 mg/kg of body weight.



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## 12. Ecological information

### 12.1. Toxicity

Non-toxic, non-hazardous, safe for the environment.

### 12.2. Persistence and degradability

The product is readily biodegradable

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

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		



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## 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>	Not Regulated
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> No <b>Immediate (Acute):</b> No <b>Delayed (Chronic):</b> 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%):**

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

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

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

## 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 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,



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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.

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