



## Safety Data Sheet

### Roll-On Antiperspirant 10% Aluminum Chlorohydrate

SDS Revision Date:

04/29/2015

## 1. Identification

### 1.1. Product identifier

<b>Product Identity</b>	Roll-On Antiperspirant 10% Aluminum Chlorohydrate
<b>Alternate Names</b>	Product Code: 752

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

<b>Intended use</b>	Antiperspirant; reduces underarm wetness
<b>Application Method</b>	Apply to underarms only

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

<b>Company Name</b>	Hydrox Laboratories 825 Tollgate Rd. Elgin, IL 60123
---------------------	--

### Emergency

<b>24 hour Emergency Telephone No.</b>	800-255-3924
<b>Customer Service: Hydrox Laboratories</b>	847-468-9400

## 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



## Safety Data Sheet

### Roll-On Antiperspirant 10% Aluminum Chlorohydrate

SDS Revision Date:

04/29/2015

### 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
Aluminum chloride hydroxide (Al <sub>2</sub> Cl(OH) <sub>5</sub> ) CAS Number: 0012042-91-0	10 - 25	Not Classified	[1]

[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

#### 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>	Not Applicable
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	If causes skin irritation, wash with soap and water and do not continue use.
<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.
-----------------	---

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Do not use; water jet.

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

Hazardous decomposition: Chlorine compounds, metal oxides

#### 5.3. Advice for fire-fighters

None

ERG Guide No. ----



## Safety Data Sheet

### Roll-On Antiperspirant 10% Aluminum Chlorohydrate

SDS Revision Date:

04/29/2015

#### 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

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.

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

Flush with water.

#### 7. Handling and storage

##### 7.1. Precautions for safe handling

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

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

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Incompatible with strong oxidizing agents

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

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

Other Precautions

For external use only. Keep out of reach of children. Do not use on broken skin. Ask a doctor before use if you have kidney disease.

#### 8. Exposure controls and personal protection

##### 8.1. Control parameters

###### Exposure

CAS No.	Ingredient	Source	Value
0012042-91-0	Aluminum chloride hydroxide (Al <sub>2</sub> Cl(OH) <sub>5</sub> )	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

###### Carcinogen Data



## Safety Data Sheet

### Roll-On Antiperspirant 10% Aluminum Chlorohydrate

SDS Revision Date:

04/29/2015

CAS No.	Ingredient	Source	Value
0012042-91-0	Aluminum chloride hydroxide (Al <sub>2</sub> Cl(OH) <sub>5</sub> )	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

<b>Respiratory</b>	Avoid breathing dust/fume/gas/mist/vapours/spray.
<b>Eyes</b>	Safety Goggles
<b>Skin</b>	Rubber gloves.
<b>Engineering Controls</b>	Not Applicable
<b>Other Work Practices</b>	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>	Clear to Slight Hazy Liquid
<b>Odor</b>	Floral
<b>Odor threshold</b>	Not Measured
<b>pH</b>	4.0-4.6
<b>Melting point / freezing point</b>	N/A
<b>Initial boiling point and boiling range</b>	100 deg. C
<b>Flash Point</b>	Not Flammable
<b>Evaporation rate (Ether = 1)</b>	> 1 (Butyl Acetate = 1)
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	N/A
<b>Vapor Density</b>	> 1
<b>Specific Gravity</b>	1.02-1.10
<b>Solubility in Water</b>	Complete
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Assay-Aluminum Chlorohydrate (Anhydrous)</b>	9.0% - 11.0% (HAP-005)
<b>Total Aerobic Count</b>	< 100 cfu/mL (SOP 2-09-205)

#### 9.2. Other information

No other relevant information.



## Safety Data Sheet

### Roll-On Antiperspirant 10% Aluminum Chlorohydrate

SDS Revision Date:

04/29/2015

#### 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**

No data available.

**10.5. Incompatible materials**

Incompatible with strong oxidizing agents

**10.6. Hazardous decomposition products**

Chlorine compounds, metal oxides

#### 11. Toxicological information

**Acute toxicity**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Aluminum chloride hydroxide (Al <sub>2</sub> Cl(OH) <sub>5</sub> ) - (12042-91-0)	No data available	No data available	No data available	No data available	No data available

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



## Safety Data Sheet

### Roll-On Antiperspirant 10% Aluminum Chlorohydrate

SDS Revision Date:

04/29/2015

Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Aluminum chloride hydroxide (Al <sub>2</sub> Cl(OH) <sub>5</sub> ) - (12042-91-0)	Not Available	Not Available	Not Available

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 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

Not regulated

## 15. Regulatory information



## Safety Data Sheet Roll-On Antiperspirant 10% Aluminum Chlorohydrate

SDS Revision Date:

04/29/2015

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** Not Regulated

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** No

**Delayed (Chronic):** No

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

No chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous :**

No chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

No chemicals at levels which require reporting under this statute.

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

No chemicals at levels which require reporting under this statute.

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

No chemicals at levels which require reporting under this statute.

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

No chemicals at levels which require reporting under this statute.

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

No chemicals at levels which require reporting under this statute.

**N.J. RTK Substances (>1%) :**

No chemicals at levels which require reporting under this statute.

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

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 full text of the phrases appearing in section 3 is:

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**



## Safety Data Sheet

### Roll-On Antiperspirant 10% Aluminum Chlorohydrate

**SDS Revision Date:**

**04/29/2015**

Disclaimer: The contents of this MSDS are believed to be correct but do not purport to be all-inclusive and should only be used as a guide. Hydrox Laboratories, Inc. disclaims any express or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental or consequential damages resulting from the reliance on the above information.

End of Document