

# Material Safety Data Sheet



FIRST IMPRESSION

## 1. Product and company identification

Trade name of product : FIRST IMPRESSION  
Product use : Metal Polish

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326

Code : 912477

Date of issue : 27-July-2011

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

## 2. Hazards identification

**Product AS SOLD**

Physical state : Liquid.  
Emergency overview : CAUTION !

COMBUSTIBLE LIQUID AND VAPOR.  
MAY CAUSE RESPIRATORY TRACT, EYE AND  
SKIN IRRITATION.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

**Product AS SOLD**

Eyes : Moderately irritating to eyes.  
Skin : Moderately irritating to the skin.  
Inhalation : Moderately irritating to the respiratory system.  
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

**Product AT USE DILUTION**

Product is sold ready to use.

**Product AT USE DILUTION**

Product is sold ready to use.

## 3. Composition/information on ingredients

**Product AS SOLD**

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
DIAMMONIUM CITRATE	3012-65-5	2
silica, crystalline - quartz (NO Respirable dust)	14808-60-7	5 - 20

**Product AT USE DILUTION**

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

### 3. Composition/information on ingredients

### 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.	Product is sold ready to use.
<b>Skin contact</b>	: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.	
<b>Inhalation</b>	: If inhaled, remove to fresh air.	
<b>Ingestion</b>	: Get medical attention if symptoms occur.	

### 5. Fire-fighting measures

Product AS SOLD	
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
<b>Fire-fighting media and instructions</b>	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.  Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff. Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions</b>	: Use personal protective equipment as required.	Product is sold ready to use.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
<b>Methods for cleaning up</b>	: If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.	

### 7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
<b>Handling</b>	: Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.	Product is sold ready to use.

## 7. Handling and storage

**Storage** : Keep out of reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Store in a closed container. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).  
Do not store above the following temperature: 50°C

## 8. Exposure controls/personal protection

**Engineering measures** : **Product AS SOLD**  
: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

### Personal protection

**Eyes** : Eye protection should be used when splashing may occur.  
**Hands** : For prolonged or repeated handling, use the following type of gloves: Impervious gloves.  
**Skin** : No protective equipment is needed under normal use conditions.  
**Respiratory** : Avoid breathing vapors, spray or mists.

### Product AT USE DILUTION

Product is sold ready to use.

Product is sold ready to use.

Ingredient	Exposure limits
silica, crystalline - quartz	<p><b>OSHA PEL Z3 (United States, 9/2005).</b> TWA: 10 mg/m<sup>3</sup> 8 hour(s). Form: Respirable TWA: 250 mppcf 8 hour(s). Form: Respirable TWA: 30 mg/m<sup>3</sup> 8 hour(s). Form: Total dust.</p> <p><b>ACGIH TLV (United States, 2/2010).</b> TWA: 0.025 mg/m<sup>3</sup> 8 hour(s). Form: Respirable fraction; see Appendix C</p> <p><b>NIOSH REL (United States, 6/2009).</b> TWA: 0.05 mg/m<sup>3</sup> 10 hour(s). Form: respirable dust</p>

## 9. Physical and chemical properties

**Physical state** : **Product AS SOLD**  
: Liquid.  
**Flash point** : 74 °C (Closed cup)  
Product does not support combustion.  
**Color** : opaque  
**Odor** : citrus  
**pH** : 9.9 to 10.4 [Conc. (% w/w): 100%]  
**Boiling/condensation point** : 100°C (212°F)  
**Relative density** : 1.14 to 1.18

### Product AT USE DILUTION

Product is sold ready to use.

## 10. Stability and reactivity

### Product AS SOLD

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
- Reactivity** : Reactive or incompatible with the following materials: oxidizing materials.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerization** : Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

### Potential acute health effects

- Product AS SOLD**
- Eyes** : Moderately irritating to eyes.
- Skin** : Moderately irritating to the skin.
- Inhalation** : Moderately irritating to the respiratory system.
- Ingestion** : No known significant effects or critical hazards.

### Product AT USE DILUTION

Product is sold ready to use.

### Product AS SOLD

### Potential chronic health effects

- Carcinogenic effects** :
- | Ingredient name              | IARC | NTP    | OSHA |
|------------------------------|------|--------|------|
| silica, crystalline - quartz | 1    | Proven | -    |

### Other adverse effects

- Target organs** : Contains material which may cause damage to the following organs: lungs, upper respiratory tract.

## 12. Ecological information

- Ecotoxicity** : Not reported

## 13. Disposal considerations

- Product AS SOLD**
- Waste disposal** : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

### Product AT USE DILUTION

Product is sold ready to use.

## 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

- Product AS SOLD**
- DOT Classification** : Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

## 15. Regulatory information

### Product AS SOLD

**HCS Classification** : Combustible liquid  
Irritating material  
Target organ effects

### Product AS SOLD

#### U.S. Federal regulations

**TSCA 8(b) inventory** : All components are listed or exempted.  
**SARA 302/304/311/312 extremely hazardous substances:** No listed substance  
**SARA 302/304 emergency planning and notification:** No listed substance

#### SARA 313

**Form R - Reporting requirements** : ammonium oleate  
ammonium citrate,dibasic

**California Prop. 65** : No products were found.

### Product AT USE DILUTION

Product is sold ready to use.

	<u>CAS number</u>	<u>Concentration</u>
	544-60-5	5.09
	3012-65-5	2.14

## 16. Other information

### Product AS SOLD

**Hazardous Material Information System (U.S.A.)** :

Health	*	1
Flammability		1
Physical hazards		0

**National Fire Protection Association (U.S.A.)** :



**Date of issue** : 27-July-2011  
**Responsible name** : Regulatory Affairs  
1-800-352-5326

☑ Indicates information that has changed from previously issued version.

#### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**

