

**Material Safety Data Sheet**  
May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1900, 1200 Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

## SECTION I

**IDENTITY** (As used on label and list)  
TIP TINNER

**Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.**

**Manufacturer's Name**  
R&R LOTION

**Emergency Telephone Number**  
480-443-9255

**Address (Number, Street, City, State, Zip)**  
15547 N 77th STREET  
SCOTTSDALE, AZ 85260

**Telephone Number for Information**  
480-443-9255

**Date Prepared**  
January 2010

## PRODUCT DESCRIPTION

Silver Paste, Low Odor When Heated

## PRODUCT CODE

Tip-T ; Tip-2

## SECTION II- Composition Information on Ingredients

### Chemical Name

Diamonium Hydrogenorthophosphate  
Mono Basic Ammonium Dihydrogenorthophosphate  
Petro AA Powder  
SN (POWERED TIN)  
ISOPROPYL ALCOHOL.

This information is the property of R&R Lotion Inc., and may be used only to evaluate this product and is not to be disclosed to any person or company without the express written permission of R&R Lotion Inc.

## SECTION III - Hazardous Ingredients/Identity Information/Regulatory Information

<b>Hazardous Components</b> (Specific Chemical Identity)	<b>OSHA PEL</b>	<b>ACHIH TIV</b>	<b>Other Limits</b> Recommended %Optional
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NONE

WHMIS REGULATIONS (CANADIAN)

The Canadian workplace hazardous materials information system classification for this product is, "This Product is Not a Controlled Product under WHMIS regulations."

SARA Hazardous Category

This product has been reviewed according to the EPA hazard categories under Section 311 & 312 of the Superfund Amendment and Reorganization Act of 1986 and is considered under applicable definitions to meet the following category: Not to have met any hazardous category.

TOXIC Substance Control Act (TSCA)

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory. REACH (EU) SVHC (Substances of Very High Concern); According to REACH program, this product does not contain any substances withstanding on the SVHC list of chemicals. This product also does not contain any ingredients withstanding on the PBT (Persistent Bioaccumulative and Toxic) or vPvB (very Persistent; very Bioaccumulative) list.

## SECTION IV -Physical/Chemical Characteristics

### Boiling Point

260 C

### Vapor Pressure (mm Hg)

N/A

### Vapor Density (AIR =1)

MMHGAT 20<0.01

### Solubility in Water

Tin-Insoluble Ammonium Phosphate-Water Soluble

### Appearance and Odor

Silver Paste, Low Odor When Heated

### PH

X

### Specific Gravity (H<sub>2</sub>O= 1)

Solid

### Melting Point

232 C-450 F

### Evaporation Rate (Butyl Acetate = 1)

N/A

## SECTION V - Fire and Explosion Hazard Data

### Flash Point (Method Used)

NONE

### Flammable Limits

N/A

### LEL

N/A

### UEL

N/A

### Extinguishing Media

Dry Chemical or Equivalent Type Suitable for Metal Type Fires

### Special Fire Fighting Procedures

If Tin is Involved in Fire, Use Full Protective Clothing and NIOSH/MSHA. Approx Self Contained Breathing Apparatus Operated in Positive Pressure Mode.

### Unusual Fire and Explosion Hazards

NONE

## SECTION VI- Precautions for Safe Handling and Use:

**Storage:** Store in a cool place in original Container, protect from direct sunlight.

**Storage Pressure:** Store at local atmospheric pressure.

### Precautions to Be Taken in Handling and Storing:

Avoid Temperatures >110F

### Other Precautions

Avoid Breathing Fumes Generated During Use.

## SECTION VII– Accidental Release Measures

**General Procedures:** Scoop or sweep up material and place in disposal container.

### Steps to Be Taken in Case Material is Released or Spilled:

Scoop or sweep up material and place in disposal container.

### Waste Disposal Method

According to Local Regulations, Tin May Have Value on Recycle Basis if Disposed of in a Permitted Disposal Site in Accordance with all Federal, Staten and Local Disposal Regulations

## SECTION VIII- Disposal Considerations

**Disposal Method:** Federal, State and Local laws governing disposal of materials can differ.

Ensure Compliance with proper authorities before disposal.

**General Comments:** Dispose of in a manner consistent with federal, state, and local regulations.

## SECTION IX – Stability and Reactivity Data

**STABILITY:** Unstable

**Conditions to Avoid**

-

Evaporation – Open Containers may change concentrations

Stable

X

**Incompatibility (Materials to Avoid)**

Chlorine - Turpentine

**Hazardous Decomposition or Byproducts**

At Temperatures Above the Melting Point, Metal Oxide Fumes May Be Evolved. Use Adequate Exhaust.

**Hazardous Polymerization:** May Occur      **Conditions to Avoid**

None

Will not Occur

X

## SECTION X – Toxicological Information

**Acute**

**Eyes:** Not Established

**Skin Absorption:** Not Established

**Oral:** Not Established

**Inhalation:** Not Established

**Eye Effects:** May be mildly irritating to eyes.

**Skin Effects:** Non Expected

**Subchronic:** Not Established

**Carcinogenicity:** (See SECTION XII)

**Mutagenicity:** Not Established

**Reproductive Effects:** None Known

**Neurotoxicity:** None Expected

**Teratogenic Effects:** Not Established

## SECTION XI – Ecological Information

**Environmental Data:** Bridgeable – minimal

**Ecotoxicological Information:** Not Available

## SECTION XII - Health Hazard Data

**Routes of Entry:**

Inhalation

Skin

Ingestion

LD50

X

LC50

**Health Hazards (Acute and Chronic)**

Fumes Emitted During use can cause headache and irritation of Mucous Membranes in the eyes and Respiratory System

**Carcinogenicity:**

NTP

IARC Monographs

OSHA Regulated

\*Not listed as a Carcinogen By NTP, OSHA, ACGIH

**Signs and Symptoms of Exposure:**

N/A

**Medical Conditions Generally Aggravated by Exposure:**

Only When Heated

**Emergency and First Aid Procedures:**

Normal Hygiene and First Aid Procedures, (Wash with Soap and Water), Flush Eyes with Plenty of Water.

Remove Victim to fresh air.

### **SECTION XIII – First Aide Measures**

**EYES:** Immediately Flush Eyes with Plenty of Water. Get Medical Attention, if irritation persists.

**SKIN:** Wash with Soap and Water. Get Medical Attention if irritation develops or persists. Remove Contaminated Clothing.

**INGESTION:** If swallowed, do no induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes remove and get medical attention if cough or other symptoms develop.

### **SECTION XIV – Exposure Control Measures and Personal Protection**

#### **Respiratory Protection (Specify Type)**

Usually Not Required, When Ventilation Is not Adequate, Remove Smoke From Breathing Zone.

<b>Ventilation:</b>	<b>Local Exhaust</b>	<b>Special</b>
<u>N/A</u>	<u>Provide Adequate Ventilation</u>	<u>N/A</u>
	<b>Mechanical (General)</b>	<b>Other</b>

<b>Protective Gloves</b>	<b>Eye Protection</b>
<u>N/A</u>	<u>N/A</u>

#### **Other Protective Clothing or Equipment**

N/A

#### **Work/Hygienic Practices**

Wash Hands Thoroughly Before Eating or Smoking

### **SECTION XV – Transport Info**

DOT (Department of Transportation)

PROPER SHIPPING NAME: Nonhazardous

PRIMARY HAZARD CLASS/DIVISION: No Classification

UN/NA NUMBER: N/A

PACKING NUMBER: N/A

AIR

PROPER SHIPPING NAME: Nonhazardous

PRIMARY HAZARD CLASS/DIVISION: No Classification

UN/NA NUMBER: N/A

PACKING NUMBER: N/A

VESSEL

PROPER SHIPPING NAME: Nonhazardous

PRIMARY HAZARD CLASS/DIVISION: No Classification

UN/NA NUMBER: N/A

PACKING NUMBER: N/A

**SECTION XVI – Other Info**

Approved By: Carol Wells

TITLE: Operations Manager

**NFPA RATING**

**Health**

1

**Flammability**

0

**Reactivity**

0

**Personal Protection**

X

**Manufacturer Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, neither R&R Lotion, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazardous are described herein, we cannot guarantee that these are the only hazards which exist.