

**MATERIAL SAFETY DATA SHEETS**

**STRONTIUM OCTOATE**

**ORGANOMETAL STRONTIUM SALT**

**Product Name:** 12% STRONTIUM OCTOATE ( BAP Sr12 )

**Proper Shipping Name :** Paint Related Material

**CAS#:** 2454-02-05

**CI#:** Not available.

**Synonym:**

**Chemical Name:** Cobalt 2-Ethylhexanoate

**Chemical Formula:** [C8H15OO] 2Sr

Date: 10.04.14

Edition: 01

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**Product information /Trade Name:** 12% STRONTIUM OCTOATE (BAP Sr12)

**Use:** Paint Drier/FRP accelerator

**Company:**

**Bhagwati Allied Products**

**Address:** Plot No K216, MIDC Waluj

Aurangabad - 431136, Maharashtra,

India **Mobile: +91 9422206426**

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**Mail ID – sales@driers.co.in | bhagwatiallied@gmail.com**

**Emergency Telephone Number: + 91 240 2554727**

**2. COMPOSITION /INFORMATION ON INGREDIENTS**

**Chemical nature:** Solution of organ metallic Zirconium salt in mineral spirit

	<b>CAS No.</b>	<b>Concentration</b>
Strontium Octoate	2454-02-05	70%
Mineral spirit aliphatic	64742-88-7	30%

### 3. HAZARDS IDENTIFICATION

**Risk advice to man and the environment:**

R20 Harmful when inhaled

R36/38 Irritating to eyes and skin

R51/53 Toxic to aquatic organisms may cause long term adverse effects.

65 Harmful, may cause lung damage if swallowed

R67 Inhalation may cause sleepiness and dizziness.

**Chemical and physical risk:**

R10 Flammable

### 4. FIRST AID MEASURES

**General Advice:** Take off all contaminated immediately

**Inhalation:** Move to fresh air in case of accidental inhalation of vapors

**Skin Contact:** Wash off immediately with soap and plenty of water.

**Ingestion:** Do not induce vomiting: contains petroleum distillates on

**Notes to physician:** No hazards which require special first aid measures

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Foam, water spray

**Extinguishing media which must not be used for safety reasons:** High volume water jet

**Specific hazards during fire fighting:** Burning produces irritant fumes

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment

**Environmental precautions:** Do not let product enter drains

**Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel Acid binder, universal binder, sawdust)

### 7. HANDLING AND STORAGE

Handling Advice on safe handling Keep away from sources of ignition. No smoking.

When pumping use anti-explosive motors.

Advice on safe handling: Keep containers tightly closed in dry and well ventilated place. Keep away from heat.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Personal protective equipment Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand protection:** Suitable gloves

**Eye protection:** Wear tightly fitting goggles.

**Skin and body protection:** Wear long sleeved clothing.

Additional measures Do not drink, eat or smoke when use.

Avoid contact with the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid
<b>Color:</b>	Trace yellow liquid
<b>Odor:</b>	Characteristic mineral sprit
<b>PH:</b>	-
<b>Melting point:</b>	-15°C
<b>Boiling point:</b>	140 °C
<b>Flash Point :</b>	45 °C
<b>Lower explosion limit:</b>	0.6% V
<b>Upper explosion limit:</b>	7% V
<b>Vapor pressure:</b>	250 mm Hg in 38°C
<b>Specific Gravity:</b>	1.02 +/- 0.03
<b>Solubility:</b>	In organic solvents

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** No decomposition if used as directed

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** Carbon oxides, zirconium substances

**Other information:** Polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Inhalation: LD<sub>50</sub> dosage for rat: < 5500 mg/m<sup>3</sup> for 4 hours.

Swallowing: LD<sub>50</sub> dosage for rat: < 4g/kg

Skin irritation: LD<sub>50</sub> dosage for rabbit: < 3g/kg.

Eye irritation: 0.1 ml dosage for rabbit

## 12. ECOLOGICAL INFORMATION

Eco toxicity Effects

Acute toxicity (toxicity to fish):	No data available
Toxicity to bacteria:	No data available
Toxicity to algae:	No data available
Bioaccumulation:	No data available

## 13. DISPOSAL CONSIDERATIONS

Product:	Can be incinerated, when in compliance with local regulations
Unclean Empty Packaging:	Empty containers should be taken for local recycling or
Waste disposal	

## 14. TRANSPORT INFORMATION

ADR/RID:	Class: 3
IMCO:	Class: 3.3
IATA:	Class: 3
Packaging Group:	III
UN- No:	1263
Description of the goods:	Flammable Liquid

## 15. REGULATORY INFORMATION

EU regulations: 91/155/EK, 93/112/EK&99/45/EK

Hazards: -----

Symbols:



Irritant (Xi)

Dangerous for the environment (N)

R-phrases: R10 Flammable

R20/21 Harmful by inhalation and in contact with skin

R36/38 Irritating to eyes and skin R51/53 Toxic to aquatic organisms may cause long-term adverse effect.

R 65 Harmful, may cause lung damage if swallowed

EMS : F-E, S-E

## 16. OTHER INFORMATION

The information given herein is based on our present state of knowledge and concern specifically the described material. There is no guarantee when used in combination with other materials or to any fermentation