



**JUNSEI**

## Material safety data sheet

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### SECTION 1      CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Catalog Numbers: 40040

Catalog Name: Aluminium octadecanoate

#### Company Identification:

Junsei Chemical Co., Ltd.

4-16, 4-Chome, Nihonbashi-Honcho, Chuo-ku

Tokyo, 103-0023 JAPAN

EMERGENCY TELEPHONE NUMBER: +81-48-988-3621

Sales Headquarters

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FAX: +81-48-988-8719 E-mail: shiyaku-t@junsei.co.jp

Web: <http://www.junsei.co.jp/>

CREATION DATE: July 28, 2009

REVISION DATE:

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### SECTION 2      COMPOSITION, INFORMATION ON INGREDIENTS

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COMPONENT: Aluminium octadecanoate

SYNONYMS: Aluminium stearate

CAS NUMBER: 7047-84-9

US TSCA:inventory

EC NUMBER (EINECS): 230-325-5

JAPAN NUMBER (ENCS): 2-625, 2-3007

PERCENTAGE: (CP) 100%

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### SECTION 3      HAZARDS IDENTIFICATION

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#### EMERGENCY OVERVIEW

Not available.

#### Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:

Not available.

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SECTION 4 FIRST AID MEASURES

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Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Get medical aid. Wash mouth out with water.

Inhalation:

Remove from exposure to fresh air immediately. Get medical aid.

Notes to Physician:

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SECTION 5 FIRE FIGHTING MEASURES

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General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

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SECTION 6 ACCIDENTAL RELEASE MEASURES

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General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Sweep up, then place into a suitable container for disposal.

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SECTION 7 HANDLING AND STORAGE

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Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Store in a cool, dry place. Store in a tightly closed container.

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SECTION 8      EXPOSURE CONTROLS, PERSONAL PROTECTION  
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Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

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SECTION 9      PHYSICAL AND CHEMICAL PROPERTIES  
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Physical State:	Powder
Appearance:	white
Odor:	odorless
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	155 deg C
Autoignition Temperature:	Not available.
Flash Point:	Not available.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	
Solubility in water:	practically insoluble in water
Specific Gravity/Density:	
Molecular Formula:	C18H37AlO4
Molecular Weight:	344.47

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SECTION 10     STABILITY AND REACTIVITY  
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Chemical Stability:

Not available.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide, oxides of Aluminium.

Hazardous Polymerization: Has not been reported

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SECTION 11     TOXICOLOGICAL INFORMATION  
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RTECS#:

CAS# 7047-84-9: BD0707000

LD50/LC50:

Not available.

Carcinogenicity:

MAGNESIUM STEARATE -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

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SECTION 12     ECOLOGICAL INFORMATION  
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Other

No information available.

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SECTION 13     DISPOSAL CONSIDERATIONS  
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Dispose of in a manner consistent with federal, state, and local regulations.

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SECTION 14     TRANSPORT INFORMATION  
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IATA

Shipping Name: Not regulated.

Hazard Class:

UN Number:

Packing Group:

IMO

Shipping Name: Not regulated.  
Hazard Class:  
UN Number:  
Packing Group:  
RID/ADR  
Shipping Name: Not regulated.  
Hazard Class:  
UN Number:  
Packing group:

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SECTION 15 REGULATORY INFORMATION  
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European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

THRESHOLD LIMIT VALUE (TLV):

ACGIH TLV-TWA 2 mg(Al)/m<sup>3</sup> DTLVS\* TLV/BEI,2007

ACGIH TLV-TWA 10 mg/m<sup>3</sup> DTLVS\* TLV/BEI,2007

ACGIH TLV-Not classifiable as human carcinogen DTLVS\* TLV/BEI,2007

STANDARD AND REGULATIONS (SREG):

OEL-FRANCE: VME 2 mg(Al)/m<sup>3</sup>, FEB2006

OEL-KOREA: TWA 2 mg(Al)/m<sup>3</sup>, 2006

OEL-NEW ZEALAND: TWA 2 mg(Al)/m<sup>3</sup>, JAN2002

OEL-NEW ZEALAND: TWA 10 mg/m<sup>3</sup> (inspirable dust), JAN2002

OEL-SWEDEN: TWA 5 mg/m<sup>3</sup>, JUN2005

Canada

CAS# 7047-84-9 is listed on Canada's DSL List.

US FEDERAL

TSCA

CAS# 7047-84-9 is listed on the TSCA inventory.

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SECTION 16 OTHER INFORMATION  
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The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third

party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.