



## Material Safety Data Sheet

2'-Acetonaphthone, 99%

MSDS# 11647

### Section 1 - Chemical Product and Company Identification

MSDS Name:	2'-Acetonaphthone, 99%
Catalog Numbers:	AC158880000, AC158880050, AC158881000, AC158885000, SB00413DA, SB00413EA, SB00413EE
Synonyms:	beta-Acetpnaphthalene; Acetonaphthone; beta-Acetonaphthone; 2-Acetonaphthone; beta-Acetylnaphthalene; 2-Acetylnaphthalene; Ethanone, 1-(2-naphthalenyl)-; Ketone, methyl 2-naphthyl; Methyl beta-naphthyl ketone; Methyl 2-naphthyl ketone; beta-Methyl naphthyl ketone; 1-(2-Naphthalenyl)ethanone; beta-Naphthyl methyl ketone; 2-Naphthyl methyl ketone; Oranger crystals
Company Identification:	Acros Organics BVBA Janssen Pharmaceuticaaan 3a 2440 Geel, Belgium
Company Identification: (USA)	Acros Organics One Reagent Lane Fair Lawn, NJ 07410
For information in the US, call:	800-ACROS-01
For information in Europe, call:	+32 14 57 52 11
Emergency Number, Europe:	+32 14 57 52 99
Emergency Number US:	201-796-7100
CHEMTREC Phone Number, US:	800-424-9300
CHEMTREC Phone Number, Europe:	703-527-3887

### Section 2 - Composition, Information on Ingredients

CAS#:	93-08-3
Chemical Name:	2'-Acetonaphthone
%:	99
EINECS#:	202-216-2

Hazard Symbols: XN



Risk Phrases: 22

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

Caution! Harmful. The toxicological properties of this material have not been fully investigated. May be harmful if swallowed. Causes eye and skin irritation. Causes digestive and respiratory tract irritation. Target Organs: No data found.

#### Potential Health Effects

Eye: Causes eye irritation. May cause chemical conjunctivitis.

Skin: Causes skin irritation.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

Inhalation: The toxicological properties of this substance have not been fully investigated. Causes irritation of the mucous membrane and upper respiratory tract.

Chronic: No information found.

#### Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

#### Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Autoignition Temperature: Not applicable.

Flash Point: 168 deg C ( 334.40 deg F)

Explosion Limits: Not available  
Lower:

Explosion Limits: Not available  
Upper:

NFPA Rating: health: 1; flammability: 1; instability: 0;

#### Section 6 - Accidental Release Measures

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

Spills/Leaks: Wash area with soap and water. Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

#### Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not breathe dust.

Storage: Keep containers tightly closed. Store in a cool, dry area away from incompatible substances.

#### Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
2'-Acetonaphthone	none listed	none listed	none listed

OSHA Vacated PELs: 2'-Acetonaphthone: None listed

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Exposure Limits

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 minimize contact with skin.  
Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

#### Section 9 - Physical and Chemical Properties

Physical State: Powder

Color: white

Odor: orange blossom

pH: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Evaporation Rate: Not available

Viscosity: Not available

Boiling Point: 300.0 - 301.0 deg C @ 760.00m

Freezing/Melting Point: 53.00 - 55.00 deg C

Decomposition Temperature: Not available

Solubility in water: insoluble

Specific Gravity/Density: Not available.

Molecular Formula: C12H10O

Molecular Weight: 170.21

#### Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials, excess heat, strong oxidants.
Incompatibilities with Other Materials	Strong oxidizing agents, strong reducing agents, strong bases.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, carbon dioxide.
Hazardous Polymerization	Has not been reported.

#### Section 11 - Toxicological Information

RTECS#:	CAS# 93-08-3: AL2988000
	RTECS:
LD50/LC50:	<b>CAS# 93-08-3:</b> Oral, mouse: LD50 = 599 mg/kg; .
Carcinogenicity:	2'-Acetonaphthone - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Other:	Standard Draize Test: Administration onto the skin (human) = 100%.

#### Section 12 - Ecological Information

Other:	No information available.
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#### Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

#### Section 14 - Transport Information

US DOT

Shipping Name: Not regulated as a hazardous material

Hazard Class:

UN Number:

Packing Group:

Canada TDG

Shipping Name: TOXIC LIQUIDS, ORGANIC, N.O.S. (Glutaraldehyde)

Hazard Class: 6.1

UN Number: UN2810

Packing Group: II

#### Section 15 - Regulatory Information

## European/International Regulations

### European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 22 Harmful if swallowed.

Safety Phrases:

### WGK (Water Danger/Protection)

CAS# 93-08-3: Not available

### Canada

CAS# 93-08-3 is listed on Canada's DSL List

Canadian WHMIS Classifications: D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 93-08-3 is not listed on Canada's Ingredient Disclosure List.

## US Federal

### TSCA

CAS# 93-08-3 is listed on the TSCA Inventory.

### Section 16 - Other Information

MSDS Creation Date: 4/05/1997

Revision #7 Date 7/20/2009

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 event 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.

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