



## METHYL 5-ACETYLSALICYLATE, 98%

### \*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\*\*

**MSDS Name: Methyl 5-acetylsalicylate, 98%**

**Catalog Numbers:**

**33918-0000, 33918-0050, 33918-0250**

**Synonyms:**

**Methyl 2-hydroxy-5-acetylbenzoate**

### \*\*\*\* SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\*

CAS#	Chemical Name	%	EINECS#	Haz Symbols	Risk Phrases
16475-90-4	Methyl 5-acetylsalicylate	98%	240-532-2		

**Hazard Symbols: XI**  
**Risk Phrases: 36/37/38**

### \*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\*

#### EMERGENCY OVERVIEW

**Irritating to eyes, respiratory system and skin.**

#### Potential Health Effects

**Eye:**

**Causes eye irritation.**

**Skin:**

**Causes skin irritation. May be harmful if absorbed through the skin.**

**Ingestion:**

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

swallowed.

**Inhalation:**

Causes respiratory tract irritation. May be harmful if inhaled.

**Chronic:**

Not available.

**\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\***

**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 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 and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:**

Treat symptomatically and supportively.

**\*\*\*\* 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.

**Extinguishing Media:**

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

**\*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\***

**General Information:** Use proper personal protective equipment as indicated

in Section 8.

**Spills/Leaks:**

Vacuum or sweep up material and place into a suitable disposal container.

**\*\*\*\* SECTION 7 - HANDLING and STORAGE \*\*\*\***

**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.

**\*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

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**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Personal Protective Equipment**

**Eyes:**

Wear chemical goggles.

**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 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\***

**Physical State:** Crystalline powder  
**Color:** white - light yellow - orange  
**Odor:** Not available.  
**pH:** Not available.  
**Vapor Pressure:** Not available.  
**Viscosity:** Not available.  
**Boiling Point:** Not available.  
**Freezing/Melting Point:** 58 - 62 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:**  
**Specific Gravity/Density:**  
**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>  
**Molecular Weight:** 194.19

**\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\***

**Chemical Stability:**

Not available.

**Conditions to Avoid:**

Incompatible materials.

**Incompatibilities with Other Materials:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide.

**Hazardous Polymerization: Has not been reported**

**\*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\***

**RTECS#:**

**CAS# 16475-90-4 unlisted.**

**LD50/LC50:**

**Not available.**

**Carcinogenicity:**

**Methyl 5-acetylsalicylate -**

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

**See actual entry in RTECS for complete information.**

**\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\***

**\*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\***

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

**\*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\***

**IATA**

**No information available.**

**IMO**

**No information available.**

**RID/ADR**

**No information available.**

**\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\***

**European/International Regulations**

**European Labeling in Accordance with EC Directives**

**Hazard Symbols: XI**

**Risk Phrases:**

**R 36/37/38 Irritating to eyes, respiratory system and skin.**

**Safety Phrases:**

**S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**

**S 37/39 Wear suitable gloves and eye/face protection.**

**WGK (Water Danger/Protection)**

**CAS# 16475-90-4: No information available.**

**United Kingdom Occupational Exposure Limits**

**United Kingdom Maximum Exposure Limits**

**Canada**

**None of the chemicals in this product are listed on the DSL/NDSL list.**

**CAS# 16475-90-4 is not listed on Canada's Ingredient Disclosure List.  
Exposure Limits  
US FEDERAL  
TSCA**

**CAS# 16475-90-4 is not listed on the TSCA inventory.  
It is for research and development use only.**

**\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\***

**MSDS Creation Date: 2/03/2000 Revision #0 Date: Original.**

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