

## MSDS for 5-iodo-2-methyl benzoic acid

### Section 1 - Chemical Product And Company Identification

MSDS Name: 5-iodo-2-methylbenzoic acid  
Synonym: 2-Methyl -5-Iodo benzoic acid

### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%	EINECS#
54811-38-0	5-iodo-2-methylbenzoic acid	97	unlisted

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

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.

Exposure Limits CAS# 133232-56-1:

Personal Protective Equipment

Eyes: Not available.

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. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Powder  
Color : white  
Freezing/Melting Point: 175 - 179 deg C  
Decomposition Temperature:  
Solubility in water:  
Specific Gravity/Density:  
Molecular Formula : C<sub>8</sub>H<sub>7</sub>IO<sub>2</sub>  
Molecular Weight : 262.05

## SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable.  
Conditions to Avoid: Incompatible materials.  
Incompatibilities with Other Materials: Strong oxidizing agents.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen iodide.  
Hazardous Polymerization: Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:  
CAS# 54811-38-0 unlisted.  
LD50/LC50: Not available.  
Carcinogenicity: 5-IODO-2-methylbenzoic acid -  
Not listed by ACGIH, IARC, or NTP.

## 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 Not regulated as a hazardous material.  
IMO Not regulated as a hazardous material.  
RID/ADR Not regulated as a hazardous material.

## 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# 133232-56-1: No information available.

Canada

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

CAS# 54811-38-0 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 54811-38-0 is not listed on the TSCA inventory.

It is for research and development use only.

## SECTION 16 - ADDITIONAL INFORMATION

This document is intended only as a guide to the appropriate precautionary handling of material by a person trained in chemical handling. The user is responsible for a determine the precautions & dangers of this chemical for his or her particular application depending on usage. Adequate protective clothing, including eye / face guards, approved respirators must be used to avoid contact with the material or breathing chemical vapors / fumes. Exposure to this product may cause adverse health effects.

This chemical may interact with other substances. Since the potential uses are so varied, M/s. Omkar Speciality Chemicals Ltd. cannot warn of all of the potential dangers of use or interaction with chemicals of materials. M/s. Omkar Speciality Chemicals Ltd. warrants that, the chemical meets the specifications set forth on the test report.

M/s. Omkar Speciality Chemicals Ltd. Disclaims any other warranties expressed or implied with regard to the product supplied hereunder its merchantability or its fitness for a particular purpose. The user should recognize that, this product can cause severe injury, especially if improperly handled or the known dangers of use are not heeded.

READ ALL PRECAUTIONARY INFORMATIONS.