



Material Safety Data Sheet

1. Product and Company Identification

Catalog Numbers: 2893-0
Product Name
Trade Name: S-(+)-Ibuprofen
Synonyms: (2S)-2-[4-(2-Methylpropyl)phenyl]propionic acid; Dexibuprofen
Manufacturer & Distributor
Company Name: Reagent World, Inc.
Address: 2048 E. Francis Street
City: Ontario
State: California
Postal Code: 91761
Country: USA
Business/Emergency
Phone: 909-947-7779
Fax: 909-947-9595
URL: <http://www.ReagentWorld.com>

2. Hazards Identification

Emergency Overview: Harmful if swallowed. Possible risk of harm to the unborn child.
Potential Health Effects
Eye: May cause eye irritation.
Skin: May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. May be harmful if absorbed through the skin.
Ingestion: Harmful if swallowed. May cause irritation of the digestive tract. May cause perforation of the digestive tract. Substance poses serious aspiration hazard. May cause alopecia (loss of hair). May cause central nervous system effects. May result in Stevens-Johnson syndrome. May cause hemolytic anemia. May cause headache, nausea, fatigue, and dizziness. Ingestion may cause renal failure.
Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.
Chronic: -

3. Composition/Information on Ingredients

Chemical Name: S-(+)-Ibuprofen
Molecular Formula: C₁₃H₁₈O₂
Molecular Weight: 206.28
Content: 99%
CAS Number: 51146-56-6
EINECS NO. [EC No]: -

4. First Aid Measures

Eye: 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.

5. Fire Fighting Measures

General Information: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing: Use water spray, dry chemical, carbon dioxide, or chemical foam.

6. Accidental Release Measures

General Information: Use proper personal protective equipment as listed in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

7. Handling and Storage

Handling: Refer to section 8
Storage: 1. Keep in a cool, dry place
2. Keep container tightly closed

8. Exposure Controls/Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.
Personal Protective Equipment
Eyes: Wear chemical safety goggles.
Skin: Wear appropriate protective gloves.
Clothing: Wear appropriate protective clothing.
Respirators: Wear NIOSH/MSHA - approved respirator

9. Physical and Chemical Properties

Physical State: crystals
Color: white
Odor: -
Boiling Point: -
Melting Point : 49-53
Vapor Pressure : -
Specific Gravity : -
PH: -
Solubility in Water : Insoluble in water .
Flash Point: 113 deg C (235.40 deg F)
Autoignition Temperature : -
Decomposition Temperature : -

10. Stability and Reactivity

Chemical Stability: Stable.

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| Conditions to Avoid: | Incompatible materials. |
| Incompatibilities with Other: | Strong oxidizing agents. |
| Hazardous Decomposition Products : | Carbon monoxide, carbon dioxide. |
| Polymerization : | - |
| 11. Toxicological Information | |
| RTECS#: | - |
| Toxicity Data[LD50/LC50]: | ORAL, RAT : LD50 = 636 MG/KG |
| Carcinogenicity: | - |
| Other: | - |
| 12. Ecological Information | |
| Ecotoxicity: | - |
| Other: | - |
| 13. Disposal Considerations | |
| Disposal considerations: | Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations |
| 14. Transport Information | |
| Shipping Name: | - |
| Hazard Class: | - |
| UN Number: | - |
| Packing Group: | - |
| 15. Regulatory Information | |
| European/International Regulations: | - |
| European Labeling in Accordance with EC Directives | |
| Hazard Symbols: | 1.Xn |
| R-Phrases: | 1.Harmful if swallowed. 2.Possible risk of harm to the unborn child. |
| S-Phrases: | 1.Wear suitable protective clothing. 2.Wear suitable gloves. 3.In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |
| WGK(Water Danger/Protection): | - |
| US Federal TSCA: | CAS# 51146-56-6 is not listed on the TSCA inventory. It is for research and development use only. |
| 16. Other Information | |
| Other information: | The above information is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Reagent World makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. 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 of exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages. |

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