

## \*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

Ibuprofen, 99%

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

MSDS Name: Ibuprofen, 99%

Catalog Numbers:

25861-0000, 25861-0100

Synonyms:

alpha-Methyl-4-(2-methylpropyl)benzeneacetic

acidp-Isobutylhydratropic acid2-(4-Isobutylphenyl)-propionic acid

Company Identification (Europe): Acros Organics BVBA

Janssen Pharmaceuticalaan 3a

2440 Geel, Belgium

Company Identification (USA):

Acros Organics

One Reagent Lane

Fairlawn, NJ 07410

For information in North America, call: 800-ACROS-01

For information in Europe, call: 0032(0) 14575211

For emergencies in the US, call CHEMTREC: 800-424-9300

For emergencies in Europe, call: 0032(0) 14575299

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

CAS#	Chemical Name	%	EINECS#	Haz Symbols	Risk Phrases
15687-27-1	Ibuprofen	99%	239-784-6		

Hazard Symbols: XN

Risk Phrases: 22

## \*\*\*\* SECTION 3 - 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:

Possible risk of harm to the unborn child.

## \*\*\*\* 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:

Wash thoroughly after handling. Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing.

## Storage:

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

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

## Engineering Controls:

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
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	75-77 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: Insoluble.  
Specific Gravity/Density:  
Molecular Formula: C13H18O2  
Molecular Weight: 206.27

## \*\*\*\* 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.  
Hazardous Polymerization: Will not occur.

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

RTECS#:  
CAS# 15687-27-1: MU6640000  
LD50/LC50:  
CAS# 15687-27-1: Oral, mouse: LD50 = 740 mg/kg; Oral, rabbit: LD50 = 1400 mg/kg; Oral, rat: LD50 = 636 mg/kg.  
Not available.  
Carcinogenicity:  
Ibuprofen -  
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: XN

## Risk Phrases:

R 22 Harmful if swallowed.  
R 63 Possible risk of harm to the unborn child.

## Safety Phrases:

S 36/37 Wear suitable protective clothing and gloves.  
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## WGK (Water Danger/Protection)

CAS# 15687-27-1: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 15687-27-1 is listed on Canada's DSL List.

CAS# 15687-27-1 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 15687-27-1 is listed on the TSCA inventory.

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

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

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.

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