

Section 1: Identification

Product Name Ibuprofen USP
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available

Product Code 30-1192

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Acute toxicity (Oral) : Category 4 Reproductive toxicity: Category 2
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed. Suspected of damaging fertility or the unborn child. May form combustible dust concentrations in air.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P264 Wash skin thoroughly after handling P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage P405 Store locked up.

Disposal P501 Dispose of contents/container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Ibuprofen
% By Weight 100
CAS# 15687-27-1
Molecular Weight 206.29 g/mole
Chemical Formula C₁₃H₁₈O₂
Synonym(s) 2-(4-isobutylphenyl)propionic acid

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Ibuprofen	15687-27-1	100	Not available.	ORAL (LD50):Acute:636mg/kg [Rat].740 mg/kg[Mouse]. 495mg/kg [Guineapig].

Section 4: First-Aid Measures

Inhalation	If unconscious, place in recovery position and seek medical advice.
Skin Contact	Wash off with soap and water. Consult a physician if necessary.
Eye Contact	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Ingestion	Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician, Take victim immediately to hospital.
Symptoms/Effects	
Acute	Harmful if swallowed. Suspected of damaging fertility or the unborn child. Product dust may be irritating to eyes, skin and respiratory system.
Delayed	: Harmful if swallowed. Suspected of damaging fertility or the unborn child. Product dust may be irritating to eyes, skin and respiratory system.

Immediate Medical Attention

The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water fog, Dry chemical, Foam, Carbon dioxide

Unsuitable Extinguishing Media

High volume water jet

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Do not allow run-off from firefighting to enter drains or water courses. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions, protection : Use personal protective equipment. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Non-sparking tools should be used. Methods for cleaning up: Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Advice on protection against fire and explosion: Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Advice on safe handling: Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Keep away from heat and sources of ignition. Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Further information on storage stability: Keep in a dry place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits Not available.

Engineering Controls

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas. Dust formation may be relevant in the processing of this product. In addition to substance-specific OELs, general limitations of concentrations of particulates in the air at workplaces have to be considered in workplace risk assessment. Relevant limits include: OSHA PEL for Particulates Not Otherwise Regulated of 15 mg/m³ - total dust, 5 mg/m³ - respirable fraction; and ACGIH TWA for Particles (insoluble or poorly soluble) Not Otherwise Specified of 3 mg/m³ - respirable particles, 10 mg/m³ - inhalable particles.

Personal Protection

Respiratory protection: In the case of dust or aerosol formation use respirator with an approved filter. Dust safety masks are recommended when the dust concentration is more than 10 mg/m³. Hand protection Remarks: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Eye protection: Eye wash bottle with pure water. Tightly fitting safety goggles Skin and body protection: Dust impervious protective suit Choose body protection according to the amount and concentration of the dangerous substance at the work place. Hygiene measures: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. Environmental: Do not let product enter drains.

Section 9: Physical and Chemical Properties

Appearance	White powder		
Odor	characteristic		
Odor Threshold	Not available		
Melting Point	167 °F / 75 °C	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	608 °F / 320 °C	Vapor Density	Heavier than air.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Log kow: 3.97	Evaporation Rate	< Ether
Flash Point	> 203 °F / > 95 °C	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Insoluble in water.		
Other	Not available		

Section 10: Stability and Reactivity

Reactivity	No decomposition If stored and applied as directed.
Chemical Stability	No decomposition If stored and applied as directed.
Hazardous Polymerization	No decomposition If stored and applied as directed. Dust may form explosive mixture in air.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	Strong oxidizing agents, Strong acids and strong bases
Hazardous Decomposition Products	Carbon dioxide (CO ₂) Carbon monoxide Hydrocarbons

Section 11: Toxicological Information

RTECS MU6640000

Acute Toxicity

Acute oral toxicity: LD50 (Rat): 1,600 mg/kg Remarks: harmful (200 < LD50 <= 2000 mg/kg) Acute inhalation toxicity : Remarks: May cause irritation of respiratory tract. Acute dermal toxicity Remarks: May cause skin irritation.

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not available

Reproductive Toxicity

Symptoms: Effects on foetal development Result: Some evidence of adverse effects on development based on animal experiments

Routes of Entry

Not available.

Symptoms Related to Exposure

Not available

Potential Health Effects

Not available.

Target Organ(s)

Not available

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Disposal of Container

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

EPCRA - Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ. SARA 304 Extremely Hazardous Substances Reportable Quantity This material does not contain any components with a section 304 EHS RQ. SARA 302 Extremely Hazardous Substances Threshold Planning Quantity This material does not contain any components with a section 302 EHS TPQ. SARA 311/312 Hazards : See section 2 for classified hazards based on component information. SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Clean Air Act This product neither contains, nor was manufactured with a Class 1 or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489). Clean Water Act This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307 SAFETY DATASHEET IBUPROFEN USP/EP Version Revision Date: Date of fast issue: - 1.0 06/28/2019 Date of first issue: 06/28/2019 US State Regulations Massachusetts Right To Know No components are subject to the Massachusetts Right to Know Act. Maine Chemicals of High Concern Product does not contain any listed chemicals Vermont Chemicals of High Concern Product does not contain any listed chemicals Washington Chemicals of High Concern Product does not contain any listed chemicals The components of this product are reported in the following inventories: DSL : All components of this product are on the Canadian DSL AICS : On the inventory, or in compliance with the inventory NZIoC : On the inventory, or in compliance with the inventory ENCS : On the inventory, or in compliance with the inventory ISHL : On the inventory, or in compliance with the inventory KECI : On the inventory, or in compliance with the inventory PICCS : On the inventory, or in compliance with the inventory TCS! : On the inventory, or in compliance with the inventory TSCA : Alf substances listed as active on the TSCA inventory REACH : On the inventory, or in compliance with the inventory IECSC : On the inventory, or in compliance with the inventory TSCA list No substances are subject to

Other

WHMIS CLASS D-1B: Material causing immediate and (Canada) serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).;DSCL (EEC) R36/38- Irritating to eyes and skin. R48/22- Harmful: danger of serious damage to health by prolonged exposure if swallowed.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.;Splash goggles.

Section 16: Other Information

Not available