



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Diclofenac Sodium USP

30-1859

Section 1: Identification

Product Name Diclofenac Sodium USP

Commercial Name Not available.

Product Use Not available

Restrictions On Use Not available

Product Code 30-1859

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 oral toxicity Category 3

CFR 1910.1200

Signal Word DANGER

Hazard Statement(s) Harmful if swallowed. May cause damage to fertility or unborn child. Prolonged/repeated exposure causes organ damage. Toxic to aquatic life with long lasting effects.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product
Response	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse mouth
Storage	Store locked up
Disposal	Dispose of contents/container to an approved waste disposal plant

Section 3: Composition/Information on Ingredients

Substance/Mixture	Substance
Components	Diclofenac Sodium USP
% By Weight	100
CAS#	15307-79-6
Molecular Weight	318.13 g/mole
Chemical Formula	C ₁₄ H ₁₀ Cl ₂ NO ₂ Na
Synonym(s)	o-)2-6-Dichloroanilino)phenylaceti acis, sodium salt

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Diclofenac Sodium USP	15307-79-6	100	Not available.	ORAL (LD50):Acute: 53 mg/kg[Rat]. 95 mg/kg[Mouse]. 157mg/kg [Rabbit].

Section 4: First-Aid Measures

Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention
Ingestion	Do NOT induce vomiting. Call a physician or poison control center immediately.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Treat symptomatically.	

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

Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Hydrogen chloride gas. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors

Firefighters Special Equipment and Precautions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

Section 6: Accidental Release Measures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Avoid dust formation. Environmental Precautions: Should not be released into the environment. See Section 12 for additional Ecological Information. Methods for Containment and Clean Up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7: Handling and Storage

Handling: Use only under a chemical fume hood. Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Avoid dust formation. Do not breathe (dust, vapor, mist, gas). Do not ingest. If swallowed then seek immediate medical assistance. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible Materials. Strong oxidizing agents. Strong acids.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protection	Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection: 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. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance	Solid		
Odor	Not available		
Odor Threshold	Not available		
Melting Point	283 - 285 °C / 541.4 - 54	pH	Not applicable
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not applicable
Flash Point	Not available	Autoignition temperature	Not applicable
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available

Solubility(ies)	50 mg/ml
Other	Molecular Formula C14 H10 Cl2 N Na O2 Molecular Weight 318.13

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under normal conditions
Hazardous Polymerization	Hazardous polymerization does not occur
Conditions to Avoid	Incompatible products. Excess heat. Avoid dust formation.
Incompatible Materials	Strong oxidizing agents, Strong acids
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO2), Nitrogen oxides (NOx), Hydrogen chloride gas.

Section 11: Toxicological Information**RTECS** AG6330000**Acute Toxicity**

LD50 Oral: LD50 = 53 mg/kg (Rat)

Skin Corrosion/Irritation

Not available

Serious Eye Damage/Irritation

Not available

Respiratory or Skin Sensitization

Not available

Germ Cell Mutagenicity

Not identifiable

Carcinogenicity

Not identifiable

Reproductive Toxicity

Not identifiable

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**

Do not empty into drains

Persistence and Degradability

Soluble in water Persistence is unlikely based on information available.

Bioaccumulative Potential

Not available

Mobility in Soil

Will likely be mobile in the environment due to its water solubility

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

DOT UN-No UN2811 Proper Shipping Name Toxic solid, organic, n.o.s. Technical Name Benzeneacetic acid, 2[(2,6-dichlorophenyl)amino]-, monosodium Hazard Class 6.1 Packing Group III

Section 15: Regulatory Information**Regulations**

OSHA STAT'US: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200) WHMIS (Canada): Class D -IB. Material causing immediate and serious toxic effects (TOXIC). CLASS D -213 Material causing other toxic effects (TOXIC). DSCL (EEC): R25- Toxic if swallowed. R36138 — Irritating to eyes and skin TSCA STATUS: Listed CE, RCLA REPORTABLE REQUIREMENTS: (RQ) None SARA TITLE III INFORMATION: Section 302 Extremely Hazardous Substance Not listed Section 313 Toxic Chemicals: 'Not listed Section 311/312 Hazard Category: 29 CFR 1910.1200

Other

WHMIS CLASS D-1B: Material causing immediate and (Canada) serious toxic effects (TOXIC). CLASS D-2B: Material causing other toxic effects (TOXIC).;DSCL (EEC) R25- Toxic if swallowed. R36/38- Irritating to eyes and skin.;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



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HMIS: (USA) Health Hazard: 3 Fire Hazard: 1 Reactivity: 0 Personal Protection E National Fire Protection Association: (USA) Health: 3 Flammability: I Reactivity: 0 Reason for Issue: New Product This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide, American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.