

Material Safety Data Sheet

2-Iodoxybenzoic acid, stabilized

ACC# 10079

Section 1 - Chemical Product and Company Identification

MSDS Name: 2-Iodoxybenzoic acid, stabilized

Catalog Numbers: AC374650000, AC374650100, AC374650500

Synonyms:

Company Identification:

Acros Organics N.V.

One Reagent Lane

Fair Lawn, NJ 07410

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

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

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
61717-82-6	2-Iodoxybenzoic acid	ca 49%	unlisted
121-91-5	Isophthalic acid	ca 29%	204-506-4
65-85-0	Benzoic acid	ca 22%	200-618-2
64297-64-9	2-Iodoxybenzoic acid, stabilized		264-773-8

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Not available. Appearance: white to pale yellow crystalline powder.

Not available.

Target Organs: Respiratory system, gastrointestinal system, eyes, skin.

Potential Health Effects

Eye: Causes eye burns.

Skin: Harmful if absorbed through the skin. Causes skin burns.

Ingestion: Harmful if swallowed. Causes gastrointestinal tract burns.

Inhalation: Harmful if inhaled. Causes chemical burns to the respiratory tract.

Chronic: Not available.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do not induce vomiting. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

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. Violently decomposes when heated under confinement. Containers may explode if exposed to fire. Risk of explosion if heated under confinement.

Extinguishing Media: Use dry powder or carbon dioxide.

Flash Point: Not available.

Autoignition Temperature: Not available.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: Not published.

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: Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Use only in a chemical fume hood.

Storage: Keep away from heat and flame. Store in a cool, dry place. Store in a tightly closed container. Corrosives area. Store protected from light.

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

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
2-Iodoxybenzoic acid	none listed	none listed	none listed
Isophthalic acid	none listed	none listed	none listed
Benzoic acid	none listed	none listed	none listed
2-Iodoxybenzoic acid, stabilized	none listed	none listed	none listed

OSHA Vacated PELs: 2-Iodoxybenzoic acid: No OSHA Vacated PELs are listed for this chemical. Isophthalic acid: No OSHA Vacated PELs are listed for this chemical. Benzoic acid: No OSHA Vacated PELs are listed for this chemical. 2-Iodoxybenzoic acid, stabilized: No OSHA Vacated PELs are listed for this chemical.

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: Crystalline powder

Appearance: white to pale yellow

Odor: Not available.

pH: 1.6

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: 280 deg C(decom)

Decomposition Temperature: Not available.

Solubility: Not available.

Specific Gravity/Density: Not available.

Molecular Formula: C₇H₅IO₅

Molecular Weight: 280.01

Section 10 - Stability and Reactivity

Chemical Stability: Light sensitive. Risk of explosion if heated under confinement.

Conditions to Avoid: Incompatible materials, light, temperatures above 200°C.

Incompatibilities with Other Materials: Strong oxidizing agents, reducing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen iodide, iodine.

Hazardous Polymerization: Has not been reported

Section 11 - Toxicological Information

RTECS#:

CAS# 61717-82-6 unlisted.

CAS# 121-91-5: NT2007000

CAS# 65-85-0: DG0875000

CAS# 64297-64-9 unlisted.

LD50/LC50:

Not available.

CAS# 121-91-5:

Draize test, rabbit, eye: 500 mg/24H Mild;

Oral, rat: LD50 = 10400 mg/kg;

CAS# 65-85-0:

Draize test, rabbit, eye: 100 mg Severe;

Draize test, rabbit, skin: 500 mg/24H Mild;

Inhalation, rat: LC50 = >26 mg/m³/1H;

Oral, mouse: LD50 = 1940 mg/kg;
Oral, rat: LD50 = 1700 mg/kg;
Skin, rabbit: LD50 = >10 gm/kg;

CAS# 64297-64-9:

Carcinogenicity:

CAS# 61717-82-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 121-91-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 65-85-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 64297-64-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Mutagenicity: No data available.

Neurotoxicity: No data available.

Other Studies:

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	No information available.
Hazard Class:	8	
UN Number:	UN3261	
Packing Group:	III	

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 61717-82-6 is not listed on the TSCA inventory. It is for research and development use only.

CAS# 121-91-5 is listed on the TSCA inventory.

CAS# 65-85-0 is listed on the TSCA inventory.

CAS# 64297-64-9 is not listed on the TSCA inventory. It is for research and development use only.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

CAS# 65-85-0: 5000 lb final RQ; 2270 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 121-91-5: immediate.

CAS # 65-85-0: immediate.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

CAS# 65-85-0 is listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 61717-82-6 is not present on state lists from CA, PA, MN, MA, FL, or NJ.
CAS# 121-91-5 can be found on the following state right to know lists: Minnesota.
CAS# 65-85-0 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Massachusetts.
CAS# 64297-64-9 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

C

Risk Phrases:

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R 35 Causes severe burns.
R 44 Risk of explosion if heated under confinement.

Safety Phrases:

S 15 Keep away from heat.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
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# 61717-82-6: No information available.
CAS# 121-91-5: 0
CAS# 65-85-0: 1
CAS# 64297-64-9: No information available.

Canada - DSL/NDSL

CAS# 121-91-5 is listed on Canada's DSL List.
CAS# 65-85-0 is listed on Canada's DSL List.

Canada - WHMIS

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

CAS# 121-91-5 is listed on the Canadian Ingredient Disclosure List.
CAS# 65-85-0 is listed on the Canadian Ingredient Disclosure List.

Section 16 - Additional Information

MSDS Creation Date: 9/20/2004

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 event shall Fisher 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 Fisher has been advised of the possibility of such damages.