

SAFETY DATA SHEET



Date Prepared : 01/01/2020
 SDS No. : X-1 CATALYST
 Date Revised : 01/01/2025
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: X-1 CATALYST
PRODUCT CODE: X-1 CATALYST

MANUFACTURER

IGS INDUSTRIES INC.
 200 COUNTRY CLUB RD.
 PO BOX 368
 MEADOW LANDS, PA 15347
Emergency Phone: 1-724-222-5800
Customer Service: 1-724-222-5800
E-Mail: SEALANT.DEPT@IGSIND.COM

24 HR. EMERGENCY TELEPHONE NUMBERS

1-724-222-5800

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Sensitization, Category 1

Physical:

Flammable Solids, Category 2

GHS LABEL

This material is skin and eye irritant.



IRRITANT



Flame

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H317: May cause an allergic skin reaction.

0756E26I: Flammable residual solid if aqueous solution allowed to dry out.

Precautionary statement(s)

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash thoroughly after handling.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

SAFETY DATA SHEET



Date Prepared : 01/01/2020
SDS No. : X-1 CATALYST
Date Revised : 01/01/2025
Revision No : 1

to do. Continue rinsing.
 P306+P360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Trade Secret Non-hazardous	20-40%	Trade Secret
Water	60-100%	7789-20-0

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Seek medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Move to fresh air. Seek medical attention if breathing becomes irregular or becomes unconscious.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness and/or tearing.

SKIN: Redness and/or itching.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Do not allow product to dry out. Residual material may be flammable.

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide (CO), carbon dioxide (CO₂), nitrogen oxides (NO_x), ammonia formaldehyde,

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Mop up area and dispose of in accordance with local, state, and federal regulations.

7. HANDLING AND STORAGE

STORAGE: Keep container closed to prevent drying out.

STORAGE TEMPERATURE: (40°F) Minimum to (100°F) Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

SAFETY DATA SHEET



Date Prepared : 01/01/2020
SDS No. : X-1 CATALYST
Date Revised : 01/01/2025
Revision No : 1

EYES AND FACE: Safety glasses.

SKIN: Protective gloves such as latex, nitrile, or any other chemically resistant material to prevent material from contacting skin.

PROTECTIVE CLOTHING: Long sleeve shirt or other covering is recommended.

WORK HYGIENIC PRACTICES: Always adhere to general workplace hygienic practices including washing before eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Slight Amine odor.

APPEARANCE: Liquid.

COLOR: Blue.

pH: 8.5 to 9.5

Notes: At 10% aqueous solution.

FLASH POINT AND METHOD: > 250°C (482°F)

Notes: Flash point is for residual material if allowed to dry from aqueous solution.

FLAMMABLE LIMITS: Not Flammable as an aqueous solution. Do not allow to dry out as residual may become flammable.

AUTOIGNITION TEMPERATURE: 400°C (752°F)

Notes: Autoignition temperature is for residual material if allowed to dry out of aqueous solution.

BOILING POINT: > 100°C (212°F)

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: ~ 1 Water = 1

SPECIFIC GRAVITY: ~ 1.1

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Do not allow aqueous solution to dry out. Residual material may be flammable.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, nitrogen oxides, ammonia, formaldehyde.

INCOMPATIBLE MATERIALS: Strong acids/oxidizers.

11. TOXICOLOGICAL INFORMATION

GENERAL COMMENTS: No LD50/LC50 information established relating to normal routes of occupational exposure.

12. ECOLOGICAL INFORMATION

SAFETY DATA SHEET



Date Prepared : 01/01/2020
 SDS No. : X-1 CATALYST
 Date Revised : 01/01/2025
 Revision No : 1

ENVIRONMENTAL DATA: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance to local sanitary regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: X-1 CATALYST

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

OTHER SHIPPING INFORMATION: Non-Hazardous for transportation, not a regulated substance.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: X-1 CATALYST

NOTE: Non-Hazardous for transportation, not a regulated substance.

AIR (ICAO/IATA)

SHIPPING NAME: X-1 CATALYST

NOTE: Non-Hazardous for transportation, not a regulated substance.

VESSEL (IMO/IMDG)

SHIPPING NAME: X-1 CATALYST

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

NOTE: Non-Hazardous for transportation, not a regulated substance.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: X-1 CATALYST

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

TDG NOTE: Non-Hazardous for transportation, not a regulated substance.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Aqueous solution not hazardous as supplied. If allowed to dry out residual material may be flammable.

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

SAFETY DATA SHEET



Date Prepared : 01/01/2020
 SDS No. : X-1 CATALYST
 Date Revised : 01/01/2025
 Revision No : 1

TITLE III NOTES: Not listed for annual reporting.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are listed on the TSCA Inventory of chemical Substances.

CALIFORNIA PROPOSITION 65: Not listed.

CANADA

WHMIS CLASS: D-2B

16. OTHER INFORMATION

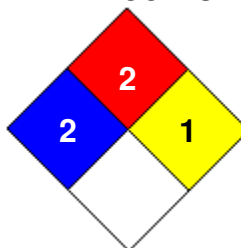
Date Revised: 10/06/2015

REVISION SUMMARY: This SDS replaces the 10/06/2015 SDS. Revised: **Section 2:** MUTAGENICITY, POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 3:** Wt.%. **Section 4:** SIGNS AND SYMPTOMS OF OVEREXPOSURE (SKIN). **Section 5:** EXTINGUISHING MEDIA, GENERAL HAZARD, HAZARDOUS COMBUSTION PRODUCTS. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT - PROTECTIVE CLOTHING. **Section 9:** AUTOIGNITION TEMPERATURE, BOILING POINT, FLASH POINT AND METHOD, pH, SPECIFIC GRAVITY. **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS. **Section 14:** AIR (ICAO/IATA) (NOTE), DOT (DEPARTMENT OF TRANSPORTATION) (OTHER SHIPPING INFORMATION), ROAD AND RAIL (ADR/RID) (NOTE), SHIPPING NAME, VESSEL (IMO/IMDG) (NOTE), TDG NOTE. **Section 15:** ACUTE, CHRONIC, FIRE, PRESSURE GENERATING, REACTIVITY, 311/312 HAZARD CATEGORIES. **Section 16:** HMIS RATING - FLAMMABILITY MANUFACTURER SUPPLEMENTAL NOTES, NFPA CODES (REACTIVITY, NFPA STORAGE CLASSIFICATION).

HMIS RATING

HEALTH		2
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



NFPA STORAGE CLASSIFICATION: Classifications are based on residual material if allowed to dry from aqueous solution.
 Product as supplied is stable and not flammable.

SAFETY DATA SHEET



Date Prepared : 01/01/2020
 SDS No. : X-1 CATALYST
 Date Revised : 01/01/2025
 Revision No : 1

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM			
HAZARD INDEX		PERSONAL PROTECTION INDEX	
4 = SEVERE HAZARD	An asterisk(*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional Information	A	
3 = SERIOUS HAZARD		B	
2 = MODERATE HAZARD		C	
1 = SLIGHT HAZARD		D	
0 = MINIMAL HAZARD		E	
PERSONAL PROTECTION EQUIPMENT			
A Safety Glasses	n Splash Goggles	o Face Shield & Eye Protection	p Gloves
q Boots	r Synthetic Apron	s Full Body Suit	t Dust Respirator
u Vapor Respirator	w Chemical Vapor Respirator	y Full Face Respirator	z Airline Hood or Mask
		F	
		G	
		H	
		I	
		J	
		K	
		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions

HMIS RATINGS NOTES:

MANUFACTURER SUPPLEMENTAL NOTES: Classifications are based on residual material if allowed to dry from aqueous solution. Product as supplied is stable and not flammable.

MANUFACTURER DISCLAIMER: IGS Industries Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. IGS Industries Inc. makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, IGS Industries Inc. assumes no responsibility for injury or damages resulting from use of or reliance upon this information.