



IPCO AMMONIUM SULPHATE

SAFETY DATA SHEET

1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: IPCO Ammonium Sulphate
Registration No. *Fertilizers Act*: N/A (Exemption from Registration)
Product Use: Fertilizer
Adjuvant, Use in water treatment (Industrial/Professional)
Manufacturer /Supplier: INTERPROVINCIAL COOPERATIVE LTD.
945 Marion St.
Winnipeg, Manitoba
R2J 0K7
www.ipco.ca
Effective Date: February 05, 2024

2: HAZARD IDENTIFICATION

Classified in accordance with Part 2 of the Hazardous Products Regulations: This material is not hazardous under the criteria of Part 2 of the Hazardous Products Regulation.
Hazards Not Otherwise Classified (HNOC): No physical hazards not otherwise classified.
No health hazards not otherwise classified.

3: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	Concentration by weight %
Ammonium Sulphate	7783-20-2	40.0%

4: FIRST AID MEASURES

General Advice: When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.

Inhalation: Move to fresh air. If a person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.

Skin Contact: Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.

Ingestion: Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

Most important symptoms/effects, acute and delayed: To date no symptoms are known.

In case of emergency call CANUTEC at 613-996-6666
Interprovincial Cooperative Ltd.; Information Phone: 204-233-3461

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Indication of immediate medical attention and special treatment needed: Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.

5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: Dangerous gases are evolved in the event of a fire.

Special protective equipment and precautions for firefighters: Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

Further Information: Keep out of smoke. Fight fire from an upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Use appropriate extinguishing media for material that is supplying fuel.

Flash point: No data available.

Auto-ignition temperature: No data available.

Lower explosion point: No data available.

Upper explosion limit: No data available.

Explosivity: Explosive when mixed with oxidizing substances.

6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

Methods and materials for containment and cleaning up: Use dry absorbent material such as clay granules to absorb and collect wash solution for proper disposal. Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Additional advice: Use personal protective equipment. If the product is accidentally spilled, do not allow to enter soil, waterways or wastewater canal.

Reference to other sections: Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13.

7: HANDLING AND STORAGE

Precautions for safe handling: Use only in areas provided with appropriate exhaust ventilation. Handle and open container in a manner as to prevent spillage.

Hygiene measures: Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.
Remove Personal Protective Equipment (PPE) immediately after handling this product. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

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8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters:	No control parameters known.
Exposure controls:	
Individual protection measures, such as personal protective equipment:	In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.
Respiratory protection:	When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.
Hand protection:	Chemical resistant nitrile rubber gloves
Eye protection:	Splash goggles Face-shield
Skin and body protection:	Wear long-sleeved shirt and long pants and shoes plus socks. Use suitable protective clothing, gloves and footwear, selected with regard to use conditions and exposure potential.
General protective measures:	Eye wash facility and safety shower should be available. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Form:	Liquid, clear
Color:	Colorless
Odor:	Like soap
Odor threshold:	Not available
pH:	5.0 at 100 g/l
Melting/Freezing point:	-6 °C / 21.2 °F
Boiling point:	ca. 104 °C / 219.2 °F
Flash point:	Not available
Evaporation rate:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Density:	ca. 1.20 g/cm ³ at 20 °C
Solubility (water):	completely soluble
Minimum ignition energy:	Not available
Partition coefficient(n-octanol/water):	Not available
Auto ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	2.0 mPa.s at 40 °C
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Explosive properties:	Explosive when mixed with oxidizing substances.

10: STABILITY AND REACTIVITY

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Reactivity:	
Thermal decomposition:	No data available
Chemical Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reactions when stored and handled according to prescribed instructions. No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Strong oxidizing agents, Nitrates, Chlorates, Copper, Zinc.
Hazardous decomposition products:	Ammonia Nitrogen oxides (NOx) Sulphur oxides

11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eye contact, Skin contact, Inhalation, Ingestion.
Immediate Effects:	
Eyes:	May cause eye irritation:
Skin:	Prolonged skin contact may cause skin irritation and/or dermatitis.
Ingestion:	Harmful if swallowed.
Inhalation:	May cause irritation.
Acute oral toxicity:	LD50 (Rat) 2,840 mg/kg
ACGIH:	None
NTP:	None
IARC:	None
OSHA:	None

12: ECOLOGICAL INFORMATION

Environmental precautions:	Do not allow to get into surface water, drains and ground water. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water. Apply this product as specified on the label.
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13: DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Product:	Dispose in accordance with all local, state/provincial and federal regulations. Do not contaminate water, food, or feed by disposal.
Contaminated packaging:	Do not re-use empty containers. Triple rinse containers. Add washings to sprayer at time of filling. Puncture container to avoid re-use. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State/Provincial and local authorities, by burning. Follow advice on product label and/or leaflet.

14: TRANSPORT INFORMATION

General:	According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.
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15: REGULATORY INFORMATION**US Federal Regulations**

TSCA list: None.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D): None.

SARA Title III - Section 302 - Notification and Information: None.

SARA Title III - Section 313 - Toxic Chemical Release Reporting: Ammonium sulphate 7783-20-2 (25,000lbs)

US States Regulatory Reporting

CA Prop65:

This product does not contain any substances known to the State of California to cause cancer. This product does not contain any substances known to the State of California to cause reproductive harm.

US State Right-To-Know Ingredients:

Ammonium sulphate 7783-20-2 (RI)

Canadian Regulations

Canadian Domestic Substance List: Ammonium sulphate 7783-20-2

Environmental CERCLA: None.

Clean Water Section 307 Priority Pollutants: None.

Safe Drinking Water Act Maximum Contaminant Levels: None.

16: OTHER INFORMATION**Abbreviations and acronyms**

49CFR	Code of Federal Regulations, Title 49
ACGIH	US. ACGIH Threshold Limit Values
ATE	Acute toxicity estimate.
CAS-Nr.	Chemical Abstracts Service number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances.
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
N.O.S.	Not otherwise specified.
NTP	US. National Toxicology Program (NTP) Report on Carcinogens
OECD	Organization for Economic Co-operation and Development
TDG	Transportation of Dangerous Goods
TWA	Time weighted average
UN	United Nations
WHO	World health organization

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 0 Instability - 1 Others – none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 0 Physical Hazard - 1 PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

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Revision Date/Reason: N/A

Notice: The enclosed information is supplied as a customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, Interprovincial Cooperative Limited cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.

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