

SAFETY DATA SHEET

Section 1 - Identification of the substance/mixture and of the supplier

Trade Name: Argosy RF

Product Code: ArgosyRF

Chemical Name: Proprietary Gel-type polymer solution / Water-Based Concentrated Adjuvant, PolyHydra-O

Application/Uses: Water soluble, multi-purpose adjuvant

Restrictions: May be used only with EPA registered pesticides or active ingredients considered "25b" exempt from FIFRA registration

Distributor Information: **PERFORMANCE NUTRITION** - A Division of LidoChem, Inc. 20 Village Court, Hazlet, NJ 07730
Phone: (732) 888 8000 • Fax: (732) 264 2751 • email: info@lidochem.com

Emergency Phone Number: **CHEMTREC - Day or Night - at 800 424 9300**

Section 2 - Hazard Identification

Classification of the substance or mixture (GHS-US)

Serious eye damage/eye irritation Cat 2B
Skin corrosion/irritation Cat 3.

Physical Hazards

None

Hazard Statements

H320: Causes eye irritation

H316: Causes mild skin irritation

Precautionary Statements:

Precautionary Statements - Prevention, Response, Storage, Disposal

P262: Do not get in eyes, on skin, or on clothing

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

P264: Wash with soap and water thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P501: Dispose of contents/container to local, state and federal regulations.

GHS Label elements

Hazard Pictograms



Signal Word

Warning

HNOC - Hazards Not Otherwise Classified

Spilled contents are extremely slippery, use caution

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Section 3 - Composition/Information on Ingredients

Chemical Identity: Propriety Blend

CAS#:	Common Name/Synonyms:	% by Wt.
	Mixture	

Section 4 - First Aid Measures

Description of first aid measures

General Advice:

Seek medical advice if symptomatic, show safety data sheet or product label to the doctor, if possible. Protection of first aid personnel not necessary.

If Inhaled:

If symptoms are experienced, move person to fresh air. Provide artificial respiration if person is not breathing. Seek medical attention if warranted

In Case Of Skin Contact:

Take off contaminated clothing. Rinse skin well with plenty of water for 15-20 minutes. If irritation develops, seek medical advice

In Case Of Eye Contact:

Flush eyes with large quantities of running water for a minimum of 15 minutes. If victim is wearing contact lenses, remove them. Hold eyelids apart during the flushing to ensure rinsing of entire surface of the eye and lids with water. DO NOT let victim rub eye(s). Do not attempt to neutralize with chemical agents. Get medical attention if eye irritation occurs.

If Swallowed:

If symptoms are experienced, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

No additional information available.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically

Section 5 - Fire-fighting Measures

Extinguishing media:

Product will not burn. If container is on fire: Use suitable extinguishing media such as water spray, dry powder, carbon dioxide, foam

Specific Hazards arising from the substance or mixture:

None, product will not burn
Will not flash spontaneously

Advice for firefighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Surfaces will be slippery. Take maximum caution to footing when entering spilled area. Sweep product into containers and dispose of according to municipal regulations

Environmental precautions:

Do not allow spilled product to enter water supplies.

Methods and materials for containment and cleaning up:

Spills should be contained by diking area with sand or soil. Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop or sweep up material and place in a container for disposal. Do not place spilled material back into the original container.

Section 7- Handling and Storage

Precautions for safe handling:

Do not eat, drink or smoke when using this product. Avoid coming into contact with product with bare skin or uncovered eyes. Product will be cold and slippery. Wash hands and other exposed areas thoroughly after handling. Provide adequate ventilation. Protect packages against physical damage. Reseal containers immediately after use.

Conditions for safe storage, including any incompatibilities:

Store product in tightly sealed containers, in a cool place. Protect container against physical damage. Store with like products
Ambient temperature, avoid freezing temperatures

Section 8 - Exposure Control / Personal Protection

Control parameters:

Chemical Identity:	CAS #:	ACGIH Threshold Limit Values		OSHA PEL		NIOSH REL	
		TWA	STEL	TWA	STEL	TWA	STEL
Mixture							

Appropriate engineering controls:

Contains no substances with occupational exposure limit values. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Individual protection measures, such as personal protective equipment:

Eye protection:

Tightly fitting safety goggles or face shield if a splashing hazard exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.

Skin protection:

Handle with chemical resistant protective gloves, wear long sleeves and safety boots. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands.

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Section 8 - Exposure Control / Personal Protection (cont.)

Body protection:

Body protection must be chosen depending on activity and possible exposure, i.e. apron, chemical resistant footwear plus socks, long sleeved shirt, long pants, chemical protection suit.

Respiratory protection:

Not necessary in normal working conditions. If respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the latest OSHA standard (29 CFR 1910.134) and/or ANSI Z88.2 recommendations.

General safety and hygiene measures:

Eye wash fountains and safety showers must be easily accessible. Employees should wash their hands and face before eating, drinking or using tobacco products.

Section 9 - Physical and Chemical Properties

Appearance (physical state, color, etc):	Translucent gel-type solution
Odor:	None
Odor threshold:	No data available.
pH:	5.0 - 6.0
Melting point:	Not applicable
Freezing point:	No data available.
Initial boiling point:	100 degrees celsius/212 degrees F
Boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	Not flammable.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	<0.01
Vapor density:	No data available.
Relative density:	No data available.
Solubility:	Soluble
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	Cone penetration: 310-355mm
Specific gravity:	1.0
Bulk Density:	Not Applicable

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Section 10 - Stability and Reactivity

Reactivity:

This product is chemically inert.

Chemical stability:

Product is stable at ambient temperature and pressure, under normal storage and handling conditions.

Possibility of hazardous reactions:

None.

Conditions to avoid (i.e. static discharge, shock or vibration):

Keep product from boiling/freezing.

Incompatible materials:

None.

Hazardous decomposition products:

None.

Section 11- Toxicological Information

Likely routes of exposure:

Ingestion, inhalation, skin and eye contact.

Symptoms related to physical, chemical and toxicological characteristics and delayed and immediate effects and chronic effects from short and long term exposure:

Acute Toxicity:

5000 mg/kg

Skin corrosion/irritation:

Primary Skin Irritation - Non-irritating. Toxicity Category IV

Serious eye damage/eye irritation:

Primary Eye Irritation - Minimally irritating, clearing by 48 hours. Toxicity Category III

Respiratory or skin sensitization:

No data available.

Carcinogenicity:

This product is not listed, and is not expected to be a carcinogen, No data available on Mutagenicity

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Section 11- Toxicological Information (cont.)

Germ cell mutagenicity:

No data available.

Reproductive toxicity:

No data available.

Specific target organ toxicity - single or repeated exposure:

No data available.

Aspiration hazard:

No data available.

Symptoms after inhalation:

No data available.

Symptoms after skin contact:

No data available.

Symptoms after eye contact:

No data available.

Symptoms after ingestion:

May cause intestinal irritation if ingested.

Section 12- Ecological Information

Ecotoxicity (aquatic and terrestrial, where available):

Toxicity to fish (acute and chronic):

No data available.

Toxicity to daphnia and other aquatic invertebrates (acute and chronic):

No data available.

Toxicity to algae:

No data available.

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Section 12- Ecological Information (cont.)

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in the soil:

No data available.

Other adverse effects:

No data available.

Section 13 - Disposal Considerations

Waste treatment methods - product:

Dispose of in accordance with local regulations. Wear appropriate personal protection equipment when cleaning or handling waste product. Small amounts of waste liquid can be discharged into a sanitary sewer. Discard any collected material in trash collection. Triple rinse (or equivalent) the empty container and offer for recycling according to local specifications/regulations, container will be slippery.

Waste treatment methods - container:

Cleaned containers may be disposed of in accordance with all applicable federal, state and local regulations. If regulations allow, triple rinsed empty container may be recycled where appropriate. Be advised that state/local requirements for container disposal may be more restrictive or otherwise different from federal laws and regulations.

Section 14 - Transport Information - US DOT, IATA, IMO, ADR:

Proper Shipping Name: Fertilizing Compound, NOI, Liquid - Surfactant - Argosy RF

D. O. T. Hazard Class: Not Regulated by D.O.T.

NMFC Item No. 42652

Label Requirement: None

UN #: N/ap

Placard: None

RQ: N/ap

Packing Group: N/Ap

CAS: Mixture

ERG Book Information: N/ap

Environment Hazards: No

Marine Pollutant: No

Special Precautions: No

IATA: Not regulated as dangerous goods.

Section 15 - Regulatory Information

U.S. Federal - OSHA Status:

This product does NOT contain any products considered hazardous under the Federal OSHA HazCom. Standard 29 CFR 1910.1200.

TSCA Status:

Listed/Non-reportable

SARA Title III Section 302 - EXTREMELY HAZARDOUS SUBSTANCES:

None

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Section 15 - Regulatory Information (cont.)

SARA Title III Sections 311/312:

N/Ap

SARA Section 313 Toxic Chemicals:

This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

CAS# Chemical Name:

This material does NOT contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

SARA Superfund Section 110:

This product does NOT contain ingredients listed as hazardous substances on the Priority List of CERCLA Hazardous substances.

CERCLA, 40 CFR 117, 302:

None

CERCLA listed substances are:

None

Other Federal Reporting Requirements:

CAA: N/AP

CWA: N/AP

RCRA: N/AP

State Reporting Requirements:

State Right to Know Laws:

CAS#	State RTK	Chemical Name
		None

CALIFORNIA PROPOSITION 65:

To the best of our knowledge, this product does NOT contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Michigan Critical Materials:

This product does NOT contain ingredients listed on the Michigan Critical Materials Register.

Global Lists/International Inventories:

Canada CEPA: This product or all of its components are currently listed on the Domestic substances List (DSL), as described under (CEPA)

Canada WHMIS: Not controlled

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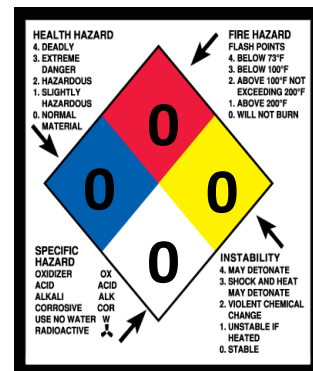
Section 16 - Other Information

Proprietary Information - exclusive rights of manufacture to be kept confidential.

9-5-17 SDS reviewed - updated to GHS requirements. This replaces all previous MSDS's -

8-20-18 - Reviewed, updated California Proposition 65 statement, this replaces all previous SDS's.

7-26-2022 updated physical and chemical characteristics and acute toxicity



Date of last revision:

7/26/2022

NOTICE: OSHA STANDARD 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a Hazard Communication Program including training, labeling, Safety Data Sheets, and access to written records. We request that you, and it is your legal duty, make all information in this Safety Data Sheet available to your employees.

Key Legend Information:

N/Ap:	Not Applicable	ND:	Not Determined
N/R:	Not Rated	NDA:	No Data Available
ACGI:	American Conference of Govr'ntal Industrial Hygienists	TLV:	Threshold Limit Value
OSHA:	Occupational Safety and Health Administration	TWA:	Time Weighted Average
PEL:	Permissible Exposure Limit	NTP:	National Toxicology Program
STEL:	Short Term Exposure Limit	TSCA:	Toxic Substance Control Act
IARC:	International Agency for Research on Cancer	CERCLA:	Comprehensive Response, Compensation and Liability Act
SARA Title III:	Superfund Amendments and Reauthorization Act	CWA:	Clean Water Act
CAA:	Clean Air Act		
RCRA:	Resource Conservation Recovery Act		
IATA:	International Air Transport Association Shipping Info.	IMO:	International Maritime Organization Shipping Info.
DSL:	Domestic Substance List (Canada)	WHMIS:	Workplace Hazardous Materials Information System

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This Safety Data Sheet was prepared to comply with OSHA Hazard Communication standard. (29 CFR 1910.1200 HazCom 2012). This supersedes any previous information. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by LidoChem, Inc. as to the effects of such use or the results to be obtained, nor does LidoChem, Inc. assume any liability arising out of use, by others, of the products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist because of applicable laws or government regulations. All LidoChem Inc. SDS's are reviewed every three years or sooner if necessary. Please check the Review Date on Page 1 for most current version. Please request a new SDS from LidoChem, Inc. if the date is older than 3 years.