

SAFETY DATA SHEET ARROW UNP-128



Katun PN 56778
ARR JET AQUA 330R HYBRID INKJET PRN

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name and Code: Arrow UNP 128

Recommended use of the Chemical and Restrictions on use

Recommendations on Use: Industrial Use

Use advised against: No Information Available

Manufacturer: Arrow System INC
2440 Jerauld Ave
Niagara Falls
NY 14305, USA

Emergency Telephone: +1 716-285-2974

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal word Not Hazardous

Hazard statements None

Symbols/Pictograms None

Precautionary Statements – Prevention None

Hazards Not Otherwise Classified (HNOC) : Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulas are confidential and proprietary. Therefore, a percent range is provided for the concentration of each classified component in this mixture.

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

4. FIRST AID MEASURES

FIRST AID MEASURES

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

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Skin contact	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Rinse mouth. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects: No Information Available

Indication of any immediate medical attention and special treatment needed Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons

None.

Specific hazards arising from the chemical

No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Use personal protective equipment as required.
Environmental precautions	Do not allow into any sewer, on the ground or into any body of water.
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling	Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.
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Conditions for safe storage, including any incompatibilities

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Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines - U.S. occupational This product, as supplied, does not contain any hazardous materials with exposure limits established by the region-specific regulatory bodies.

Appropriate engineering controls Engineering Measures Showers, Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective

equipmentEye/Face Protection Tight sealing safety goggles.

Skin and body protection Long sleeved clothing. Protective gloves.

Respiratory protection No special protective equipment required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical

propertiesPhysical State liquid

Appearance opaque

Odor odorless

Freezing Point 0 °C

Odor Threshold No information available

Vapor Pressure No information available

Vapor Density No information available

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pH	9.2
Density	8.312 lb/gal
Melting Point / Melting Range	No information available
Boiling Point / Boiling Range	No data available
Flash Point	Not flammable
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Flammability Limit in Air	
Upper Flammability Limit	No information available
Lower Flammability Limit	No information available
Specific Gravity	0.99
Water Solubility	Soluble in water
Partition Co-efficient n-octonal/water	N/A
Autoignition Temperature	No Data Available
Decomposition Temperature	N/A
Viscosity	30cps

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Do not freeze

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

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Inhalation	Not an expected route of exposure.
Eye contact	No known effect based on information supplied.
Skin contact	No known effect based on information supplied.
Ingestion	No known effect based on information supplied.

Acute toxicity

Component Information	No information available
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Information on toxicological effects

Symptoms	None known.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen
Irritation	None known based on information supplied.

Sensitization	None known based on information supplied.
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Mutagenic Effects	None known based on information supplied.
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Reproductive toxicity	None known based on information supplied.
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STOT - single exposure	None known based on information supplied
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STOT - repeated exposure	None known based on information supplied.
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Aspiration Hazard	None known based on information supplied.
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Numerical measures of toxicity - Product Information

No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

20.27280001 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

<u>Persistence and degradability</u>	Persistence and degradability is not known based on information supplied.
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<u>Mobility</u>	The mobility of this product has not been determined
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<u>Bioaccumulation</u>	Bio accumulation potential is not known based on information supplied
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Other adverse effects

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Endocrine system
disrupter.

Contains no substances above reportable quantities listed as an endocrine

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any

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chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
SODIUM HYDROXID E1310-73-2	1000 lb			X

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) and Volatile Organic Compounds (VOCs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) or volatile organic compounds (VOCs) under Section 112 of the Clean Air Act Amendments of 1990

CERCLA

Chemical name	Hazardous Substances Reportable Quantities	Extremely Hazardous Substances RQs
SODIUM HYDROXID E1310-73-2	1000 lb	

15. OTHER INFORMATION

HMIS

Health hazard 1

Flammability 0

Stability 0

PPE B