

SAFETY DATA SHEET (SDS)

AP2155 UV Anti-Static / Cleaner / Adhesion Promoter

1. Identification

Product Name: AP2155 Anti-Static / Cleaner / Adhesion Promoter
Product Identifier: Printing Ink; Mixture
Use: For Industrial Use Only by Qualified Personnel
Manufacturer: Supply55, Inc.
Address: P.O. Box 1522
Ann Arbor, MI 48106
Emergency Phone Number: (+1) 734-668-0755
Date Updated: May 29, 2019

2. Hazards Identification

GHS Classification of the Mixture:

Flammable Liquids	Category 2, H225
Acute Toxicity(Inhalation)	Category 3, H304
Skin Irritation	Category 2, H315
Eye Irritation	Category 2A, H319
Respiratory or Skin Sensitization	Category 2, H315
Reproductive Toxicity	Category 2, H361
Specific target organ toxicity (Central Nervous)	Category 3, H337

GHS Label elements:

Pictograms or Symbols:



Signal Word: Danger

Hazard Statement:

- H225 : Highly Flammable Liquid and Vapour.
- H304 : May be fatal if swallowed and enters airways.
- H315 : Causes skin irritation.
- H319 : Causes serious eye irritation.
- H331 : Toxic if inhaled.
- H336 : May cause drowsiness or dizziness.
- H361 : Suspected of damaging fertility or the unborn child.
- H373 : May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:
Prevention:

- P201 : Obtain special instructions before use.
- P202 : Do not handle until all safety precautions have been read and understood.
- P210 : Keep away from heat/sparks/open flames/hot surfaces. –No Smoking.
- P233 : Keep container tightly closed.
- P240 : Ground/bond container and receiving equipment.
- P242 : Use only non-sparking tools.
- P260 : Do not breathe dust/fume/gas/mist/vapors/spray.
- P264 : Wash skin thoroughly after handling.
- P270 : Do not eat, drink or smoke when using this product.
- P271 : Use only outdoors or in a well-ventilated area.
- P280 : Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P281 : Use personal protective equipment as required.

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Response:

P301+P310: IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353 : IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 +P311 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

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

P308+P313 : IF exposed or concerned: Get medical advice/attention.

P310 : Immediately call a POISON CENTER or doctor/physician.

P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.

P363 : Wash contaminated clothing before reuse.

P370 + P378 : In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P233 : Store in a well ventilated place. Keep container tightly closed.

Disposal:

P501 : Dispose of contents/container to an approved waste disposal plant.

Shipping:

DO NOT SHIP BY AIR SERVICE

3. Composition/Information on Ingredients

Hazards Identification	CAS #	Weight %
Distillates, pet.	68410-97-9	50-70%
2-Butoxyethanol	111-76-2	10-20%
2-Methylpentane-2,4-diol	107-41-5	10-20%

4. First Aid Measures

Skin:

Wash with soap and water and rinse thoroughly for 15 minutes. Get medical attention if blisters or inflammation are present on the skin.

Eyes:

Flush eyes and under eyelids for 15 minutes with water. Seek medical attention if irritation or redness persists.

Inhalation:

Move to fresh air. Seek medical attention if irritation persists.

Ingestion:

Do not induce vomiting. Rinse mouth with water but do not swallow and get medical attention. Call Poison Control or Physician immediately.

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5. Fire Fighting Measures

Flammable Properties:	Flash Point: 10C (50F)
Extinguishing Media:	Water spray for cooling, foam, carbon dioxide, dry chemical, or Halon for fire suppression.
Hazardous Combustion Products:	No hazardous combustion products are known.
Fire Fighting Procedures:	Wear approved MSHA/NIOSH breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions:
Evacuate personnel from the area. Shut off all sources of ignition; No flares, smoking, or flames in the area.
Wear protective equipment.

Environmental Precautions:
Do not flush to sewer or waterways.
Dike with soil. Cover with a sheet to prevent expanding odor.

Methods for Cleaning up:
For small spills, use absorbent media. Dispose of the absorbent media according to local, regional, and national regulations.
For large spills, enclose the spilled liquid with sand. Recover the liquid while covering it with an oil-resistant antistatic sheet. Dispose of material according to local, regional, and national regulations.

7. Handling and Storage

In accordance with good industrial practices, handle with care and avoid personal contact.

Wear protective gloves, safety goggles, and other protective clothing.

Avoid contact with skin, eyes, and clothing.

Keep out of direct sunlight and away from heat source.

Keep tightly closed.

Use adequate ventilation.

8. Exposure Controls/Personal Protection

Engineering Controls:
Facilities storing or utilizing this substance should be equipped with an eyewash facility and a safety shower.
Use Process enclosures, local exhaust ventilation, or other engineering controls.

Control parameters:
ACGIH -20.0 ppm TLV
NIOSH -5.0 ppm TWA, 24.0 mg/m³
OSHA -50.0 ppm TWA, 240 mg/m³

Respiratory protection:
Chemical cartridge respirator for an organic vapor, or pressure self-contained breathing apparatus.

Hand protection:
Chemical resistant gloves made of Nitrile Rubber.

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Eye protection:

Safety Glasses with side shields, goggles, or face shield.

Skin and body protection:

Suitable safety clothes, aprons, shoes and protective boots.

9. Physical and Chemical Properties of Ink

General Information: Colorless liquid.

pH:	Not applicable
Boiling point:	no data
Melting point:	no data
Flash point:	10° C (closed cup)
Autoflammability:	None
Oxidizing properties:	None
Vapor density:	4.08 (air = 1)
Density:	.8 g/ml (25° C)
Solubility in Water:	no data
Viscosity:	<2 cps
VOC:	7.6 lbs/gallon

10. Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Avoid heat and freezing temperatures.
Materials to avoid:	Strong oxidizing materials, peroxides, acids or iron.
Hazardous decomposition products:	Will decompose to form carbon oxides when burned.

11. Toxicology and Health Hazards

Routes of toxicology: Eye, skin, inhalation, and oral.

Acute Health Hazards: Overexposure of eye surface to ink may be mildly irritating.
Overexposure of skin to ink may cause irritation, redness and swelling.
Inhalation or overexposure to ink vapors may result in respiratory tract irritation and anesthesia.
Ingestion may cause upset stomach.

Chronic Health Hazards: None known.

Mutagenicity: The components are not reported to produce mutagenic effects in humans.

Carcinogenicity: The components are not reported to produce carcinogenic effects in humans.

Irritancy of product: Exposure of ink to eye, skin, and inhalation may irritate tissue.

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Acute Toxicity Estimates:

Acute oral toxicity :

LD50 Oral – Rat – 745 mg/kg

Acute dermal toxicity:

Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

LD50 Intraperitoneal – Rat – 220 mg/kg

LD50 Intravenous – Rat – 307 mg/kg

Acute inhalation toxicity (mist):

LC50 – Rat – 4h – 450ppm

Skin and Eye:

Skin corrosion/irritation:

Skin – Rabbit

Result: Open irritation test

Serious eye damage/eye irritation

Eyes – Rabbit

Result: Moderate eye irritation – 24 h

Sensitization:

Not Determined

Mutagenicity:

Not Determined

Carcinogenicity:

Not Established IARC, NTP, EU, OSHA and ACGIH.

Reproductive Toxicity:

Not Determined

Chronic toxicity or long term toxicity:

Not Determined

Aspiration hazard:

Not Determined

12. Ecological Information

Ecotoxicity:

Toxicity to fish LC50 – other fish – 220mg/l – 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 – Daphnia magna (Water Flea) – 1815 mg/l – 24 h

Persistence/degradability:

Not Determined

Bioaccumulation:

Not Determined

Mobility:

Not Determined

13. Disposal Considerations

Waste from residues:

Burn in a chemical incinerator equipped with an afterburner and scrubber. Consult an expert on the disposal of recovered material.

Any contaminated packaging:

Do not put other material into the used container and do not use it for other purpose. Wash the inside of the container before disposal.

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Comply with all federal, state and local regulations.
Do not dump this product into sewers, on the ground or into any body of water.

14. Transport Information

The UN classification number

UN Class: UN1263, Paint Related Material, 3, II

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Proper shipping Name: UN1263, Paint Related Material, 3, II

Packing Group: UN1263, Paint Related Material, 3, II

Marine Pollutant: UN1263, Paint Related Material, 3, II, Marine Pollutant (DISTILLATES (PETROLEUM), LIGHT DISTILLATE HYDROTREATING PROCESS, LOW-BOILING, OCTANE), Flash Point: 10C(50F)

Specific precautionary transport measures and conditions:

Avoid falling, dropping, shocking and dragging a container.

Protect a container from direct sunlight.

DOT listing: UN1263, Paint Related Material, 3, II

Packing group: UN1263, Paint Related Material, 3, II

DOT Labels required: UN1263, Paint Related Material, 3, II

Marine pollutant: UN1263, Paint Related Material, 3, II, Marine Pollutant (DISTILLATES (PETROLEUM), LIGHT DISTILLATE HYDROTREATING PROCESS, LOW-BOILING, OCTANE), Flash Point: 10C(50F)

Sea transport

IMDG : UN1263, Paint Related Material, 3, II, Marine Pollutant (DISTILLATES (PETROLEUM), LIGHT DISTILLATE HYDROTREATING PROCESS, LOW-BOILING, OCTANE), Flash Point: 10C(50F)

Air transport

IATA/ICAO : UN1263, Paint Related Material, 3, II

15. Regulatory Information

All components are on TSCA, EINECS/ELINCS, AICS, DSL, ENCS, and ECL.

All components are REACH registered and not listed in Annex XIV of EC No., 1907/2006 REACH Restriction.

The following components are subject to reporting levels established by SARA Title III section 313:

2-Butoxyethanol CAS# 111-76-2 Revision Date 1993-04-24

Regulatory information with regard to this product in your country or region should be examined by the end user.

WARNING - This product can expose you to Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information visit to www.P65Warnings.ca.gov.

16. Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall only be used as a guide. This information is offered as a service to our customers and Supply55, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

END OF AP2155 SDS