

PARAGON

SPECIALTY PRODUCTS, LLC.
Rainsville, AL 35986 USA

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SPRINGDALE, AR 72745
Tel: 800 643 - 3064

Material Safety Data Sheet

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AQUA SOURCE I - APRIN

Section I: PRODUCT AND COMPANY DESCRIPTION

MANUFACTURER'S NAME & ADDRESS:

Paragon Specialty Products, LLC.
411 Ranch Road
Rainsville, AL 35986 USA
Tel: # 256 / 638- 9636 / Fax: # 256 / 638-9637

EMERGENCY PHONE NUMBER:

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENTS
PLEASE CONTACT: CHEMTREC TEL: # (800 / 424-9300).

CHEMICAL FAMILY:

ASPIRIN; 2---- (ACETYLOXYBENZOIC) ACID; ACETOL
EDDI ---ETHYLENEDIAMINE DIHYDRIODIDE

MOLECULAR FORMULA:

C₉H₈O₄

Section II: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS REG NUMBER	OSHA: HAZARD
ACETYLSALICYLIC ACID	50-78-2	Y
ACETATE SALTS	127-09-3	N
EDDI (ETHYLENEDIAMINE DIHYDRIODIDE)	5700-49-2	N

Section III: HAZARDS IDENTIFICATION

A. EMERGENCY OVERVIEW:

PHYSICAL APPEARANCE AND ODOR:

White crystalline or power solid, odorless.

WARNING STATEMENTS:

TOXIC IF SWALLOWED. EYE, SKIN AND RESPIRATORY TRACT IRRITANT.
SENSITIZER. MODERATE TO SEVERE DUST EXPLOSION RISK.

B. POTENTIAL HEALTH EFFECTS:

ACUTE EYE:

Irritant. May cause burns.

ACUTE SKIN:

Harmful if absorbed through skin. May produce symptoms similar to those from ingestion. Irritant. Causes Redness; swelling.

ACUTE INHALATION:

Sensitizer. Can cause respiratory tract irritation.

ACUTE INGESTION:

Toxic if ingested. Some people may be hypersensitive to this product. Can cause irritation, abdominal pain, Nausea, bleeding, excitement, respiratory depression, heart failure, death.

CHRONIC EFFECTS:

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or Suspected human carcinogens. Prolonged contact can cause anemia, internal bleeding, and decreased blood Clotting ability.

Section IV: FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL:

EYE EXPOSURE:

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

SKIN EXPOSURE:

In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

INHALATION:

Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek medical attention.

INGESTION:

If victim is conscious and alert, give 2-3 glasses of water to drink and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

MEDICAL CONDITONS POSSIBLY AGGRAVATED BY EXPOSURE:

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease. The following potential problems relate primarily to individuals taking aspirin as a medication and are not expected to be of concern to workers, unless aspirin is accidentally ingested: (1) In persons taking anticoagulants, aspirin may accentuate anticoagulant activity; (2) Persons with influenza and some other viral illnesses may be at higher risk of developing Reye's Syndrome; and (3) Persons with rheumatoid arthritis or systemic lupus erythematosus sometimes develop hepatotoxicity.

NOTES TO PHYSICIAN:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

MINIMIZE ABSORPTION: Remove salicylates by emesis with syrup of ipecac unless respiration is depressed. Do not use apomorphine. Delay absorption of the remaining poison by giving activated charcoal. If respiration is depressed, use airway-protected gastric lavage.

LABORATORY STUDIES: Determine serum salicylate levels, serum electrolytes, arterial blood gases, blood pH, Coagulation studies, and renal function tests. Urine output should be done. Acid-base imbalance is common. In adults, respiratory alkalosis from hyperventilation and metabolic alkalosis from vomiting is common. In children, metabolic acidosis is often a significant problem.

TREATMENT: In mild poisoning, with adequate urine output and no vomiting, give milk and fruit juice orally every hour up to a total of 100 ml/kg in the first 24 hours.

In severe poisoning, begin hydration in the first hour with intravenous fluid, 400 ml/square meter. A 5% dextrose solution containing sodium bicarbonate, 75 meq/l, is satisfactory. However, do not use bicarbonate if the victim is alkalotic. After the first hour, the same solution can be continued at one-third the initial rate until urine flow begins, dehydration is corrected, or evidence of renal insufficiency appears. After urine flow is established, add potassium 30 meq/l of administered function is adequate, fluid administration should be approximately 3 liter/square meter/24 hours.

In the presence of abnormal bleeding or hypoprothrombinemia, give phytonadione, 10 mg intramuscularly. Fresh blood or platelet transfusions may be necessary.

Do not give barbiturates, paraldehyde, morphine or other central nervous system depressants.

If renal function is impaired, dialysis must be used to remove salicylates.

Reduce hyperpyrexia by tepid sponging. Do not use alcohol for sponging.

Section V: FIRE FIGHTING MEASURES

FIRE HAZARD DATA:

FLASH POINT:

Not Applicable

EXTINGUISHING MEDIA:

Recommended (small fires): dry chemical, carbon dioxide, Recommended (large fire): foam, water spray.

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product will burn under fire conditions. As a powder or dust, this product (when mixed with air in critical proportions and in the presence of an ignition source) presents a moderate to high explosion hazard.

HAZARDOUS DECOMPOSITION MATERIALS (UNDER FIRE CONDITIONS):

Oxides of carbon

DUST EXPLOSIVITY DATA:

Explosibility Index.....	> 10	Type of Explosion is Rated SEVERE.
Ignition Sensitivity.....	2.4	
Explosion Severity.....	4.3	
Cloud Ignition Temp.....	660 C (1220 F)	
Min Cloud Ignition Energy.....	250 milliJoules	
Layer Ignition Temp.....	No Data	
Max. Explosion Pressure.....	6 Bar	
Max. Rate of Pressure Rise....	689 bar/second	
Min. Explosion Concentration....	0.05 oz/ft3	

Section VI: ACCIDENTAL RELEASE MEASURES

EVACUATION PROCEDURES AND SAFETY:

Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

CONTAINMENT OF SPILL:

Follow procedure described below under Cleanup and Disposal of Spill.

CLEANUP AND DISPOSAL OF SPILL:

Shovel up into an appropriate closed container (see Section 7: Handling and Storage). Clean up residual material by washing area with water. Avoid creation of dusty conditions.

ENVIRONMENTAL AND REGULATORY REPORTING:

Do not flush to drain. If spilled on the ground, the affected area should be scraped clean and placed in an appropriate container for disposal. Spills may be reportable to the National Response Center (800-424-8802) and to state and / or local agencies.

Section VII: HANDLING AND STORAGE

MINIMUM / MAXIMUM STORAGE TEMPERATURES:

Not Available

HANDLING:

Do not ingest. Avoid direct or prolonged contact with skin and eyes. Avoid breathing dusts. This material is a pharmaceutical. Use the usual precautions associated with the handling of such products. Avoid contamination of storage containers.

THIS PRODUCT PRESENTS A MODERATE TO SEVERE DUST EXPLOSION HAZARD.

It is recommended that all dust control equipment and material transport systems involved in handling of this product contain explosion relief vents or explosion suppression system or an oxygen deficient environment. In addition, all conductive elements of the system that contact this material should be electrically bonded and grounded. This powder should not be flowed through non-conductive ducts or pipes. Use only appropriately classed electrical equipment.

STORAGE:

Store in tightly closed containers. Store in an area that is clean, dry, away from ignition sources.

Section VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

INTRODUCTORY REMARKS:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

EXPOSURE GUIDELINES:

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements. The following limits apply to this material, where, if indicated, S=skin and C=ceiling limit:

ACETYSALICYLIC ACID

	Notes	TWA	STEL
ACGIH		5 mg / cu m	-
OSHA		5 mg / cu m	

ENGINEERING CONTROLS:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: local exhaust ventilation at the point of generation.

RESPIRATORY PROTECTION:

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate OSHA, WHMIS or ANSI standard (s): Air-purifying (half-mask/full-face) respirator with cartridges/canister approved for use against dusts, mists and fumes. Under conditions immediately dangerous to life or health, or emergency conditions with unknown concentrations, use a full-face positive pressure air-supplied respirator equipped with an emergency escape air supply unit or use a self-contained breathing apparatus unit.

EYE / FACE PROTECTION:

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.

SKIN PROTECTION:

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

WORK PRACTICE CONTROLS:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use and / or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

Section IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the product Information phone number in Section 1 for its exact specifications.

PHYSICAL APPEARANCE:

White crystalline or powder solid.

ODOR:

Odorless.

pH.

Not Applicable

SPECIFIC GRAVITY:

1.4 AT 25 c (77 F).

WATER SOLUBILITY:

Slightly soluble

MELTING POINT RANGE:

132 C (270 F)

BOILING POINT RANGE:

Not Available

VAPOR PRESSURE:

Not Available

VAPOR DENSITY:

Not Available

MOLECULAR WEIGHT:

180.17

Section X: STABILITY AND REACTIVITY

Chemical Stability:

This material is stable under normal handling and storage conditions described in Section 7.

Conditions To Be Avoided:

extreme humidity

Materials / Chemicals To Be Avoided:

Strong bases

Strong acids

Strong oxidizing agents

Decomposition Temperature Range:

140 to O C (284 to 32 F)

The Following Hazardous Decomposition Products Might Be Expected:

Decomposition Type: hydrolysis

Acetic acid

Salicylic Acid

Decomposition Type: thermal

Oxides of carbon

Hazardous Polymerization Will Not Occur.

Avoid The Following To Inhibit Hazardous Polymerization:

Not applicable

Section XI: TOXICOLOGICAL INFORMATION

Acute Eye Irritation:

Toxicological Information and Interpretation

Eye – eye irritation, rabbit.

Mildly irritating.

Acute Skin Irritation:

Toxicological Information and Interpretation

Skin – skin irritation, rabbit.

Non-irritating.

Acute Dermal Toxicity:

Toxicological Information and Interpretation

LD 50 – lethal dose 50% of test species, > 7940 mg/kg. rabbit.

Acute Respiratory Irritation:

No test data found for product.

Acute Inhalation Toxicity:

No test data found for product.

Acute Oral Toxicity:

Toxicological Information and Interpretation

LD 50 – lethal dose 50% of test species, 1010 mg/kg. rabbit.

LD 50 – lethal dose 50% of test species, 1460 mg/kg. rat.

Chronic Toxicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens.

Very large doses of aspirin have produced teratogenic effects in experimental animals.

Section XII: ECOLOGICAL INFORMATION

Ecotoxicological Information:

No data found for product.

Chemical Fate Information:

No data found for product.

Section XIII: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

EPA Hazardous Waste – NO

Section XIV: TRANSPORTATION INFORMATION

Transportation Status:

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

US Department of Transportation

Shipping Name:

NOT REGULATED

NON CORROSIVE

Section XV: REGULATORY INFORMATION

Inventory Status	Status
Inventory	
UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS / ELINCS)	Y
AUSTRALIA (AICS)	Y
JAPAN (MITI)	Y
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

FEDERAL REGULATIONS

Inventory Issues:

All functional components of this product are listed on the TSCA Inventory.

SARA Title III Hazard Classes:

Fire Hazard	-	NO
Reactive Hazard	-	NO
Release of Pressure	-	NO
Acute Health Hazard	-	YES
Chronic Health Hazard	-	YES

STATE REGULATIONS:

This product contains the following components that are regulated under California Proposition 65:

Ingredient Name	Cancer List	Reprod. List	No Sign California	Risk Lvl (ug/data) RPI
ACETYLSALICYLIC ACID	N	Y	ND	ND

Section XVI: OTHER INFORMATION

National Fire Protection Association Hazard Ratings – NFPA ®:

1 Health Hazard Rating – Slight

1 Flammability Rating – Slight

0 Instability Rating – Minimal

This MSDS is based upon a limited review of Current files and standard Toxicological handbooks.

The information herein is furnished without warranty of any kind. This information should only be used as a supplement to information already in your possession concerning the product listed above.

National Paint & Coating Hazardous Materials Identification System – HMIS ®:

1 Health Hazard Rating -- Slight

1 Flammability Rating – Slight

0 Reactivity Rating – Minimal

Reason for Revisions:
Change and / or addition made to Section XI.

Disclaimer:

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date thereof, IVESCO, LLC. Make no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will IVESCO, LLC. Be responsible (not accountable) for damages of any nature whatsoever resulting from the use of or reliance upon information.

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No Representations or Warranties, either Express or Implied, of Merchantability, Fitness for a particular Purpose or of any other Nature are made hereunder with Respect to information or the Product to which information refers.

As with all Chemical or Vitamins the Product should be stored away from small children, and used only in a manner consistent with label instructions.

KEEP OUT OF REACH OF CHILDREN

IVESCO, LLC
TEL: (800) 643 – 3064

END OF I-APRIN -- M.S.D.S.