

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 10/13/2015

Reviewed on 10/13/2015

## 1 Identification

- Product identifier
- Trade name: IOPRIN
- Article number: EZZ-059
- Recommended use and restriction on use
- Recommended use: Pharmaceutical Product
- Restrictions on use: Contact manufacturer.
- Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:  
EZ PAK, LLC  
P.O. BOX 185  
JEFFERSON, GA 30549
- Distributor:  
Clear View Enterprises, LLC  
451 Agnes Drive Tontitown, AR 72770  
(800) 255-3924
- Emergency telephone number:  
ChemTel Inc.  
+1 (800)255-3924, +1 (813)248-0585

## 2 Hazard(s) identification

- Classification of the substance or mixture



GHS07

ox. 4 H302 Harmful if swallowed.

- Additional information:  
There are no other hazards not otherwise classified that have been identified.  
3.9 % of the mixture consists of component(s) of unknown toxicity.

- Label elements

- GHS label elements  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms:



GHS07

- Signal word: Warning
- Hazard-determining components of labeling:  
O-acetylsalicylic acid  
ethylenediammonium diiodide
- Hazard statements:  
H302 Harmful if swallowed.
- Precautionary statements:  
P264 Wash thoroughly after handling.

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

**P301+P312** IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

**P330** Rinse mouth.

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

3.9 % of the mixture consists of component(s) of unknown toxicity.

- **Classification system**

- **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**

HEALTH	Q	Health = 1
FIRE	Q	Fire = 0
REACTIVITY	0	Reactivity = 0

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description: Mixture of the substances listed below with nonhazardous additions.**

- **Dangerous components:**

50-78-2	O-acetylsalicylic acid	10-25%
	<j> Acute Tox. 4, H302	
5700-49-2	ethylenediammonium diiodide	< 10%
	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 2, H335	

- **Additional information:**

For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

### 4 First-aid measures

- **Description of first aid measures**

- **General information: No special measures required.**

- **After inhalation: Supply fresh air; consult doctor in case of complaints.**

- **After skin contact:**

Brush off loose particles from skin.

Wash with soap and water.

If skin irritation is experienced, consult a doctor.

- **After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Product is an oral medication. If taken in excess or in cases of overdose, **DO NOT INDUCE VOMITING.**

Contact a physician and hospital.

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- Information for doctor
- Most important symptoms and effects, both acute and delayed:
  - Gastric or intestinal disorders when ingested.
- Danger: Harmful if swallowed.
- Indication of any immediate medical attention and special treatment needed:
  - Contains aspirin. Consult literature for specific antidotes.
  - Medical supervision for at least 48 hours.

## 5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- For safety reasons unsuitable extinguishing agents: None.
- Special hazards arising from the substance or mixture
  - Formation of toxic gases is possible during heating or in case of fire.
- Advice for firefighters
- Protective equipment:
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.
- Additional information: No relevant information available.

## 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures:
  - Ensure adequate ventilation.
  - For large spills, wear protective clothing.
  - For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
- Environmental precautions:
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Methods and material for containment and cleaning up:
  - Pick up mechanically.
  - Dispose contaminated material as waste according to item 13.
  - Send for recovery or disposal in suitable receptacles.
- Reference to other sections:
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

## 7 Handling and storage

- Handling
- Precautions for safe handling: Use only in well ventilated areas.
- Information about protection against explosions and fires: No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**  
Avoid storage near extreme heat, ignition sources or open flame.  
Protect from humidity and water.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from oxidizing agents.  
Do not store together with alkalis (caustic solutions).
- **Further information about storage conditions: Keep containers tightly sealed.**
- **Specific end use(s): No relevant information available.**

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems: No further data; see item 7.**
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

50-78-2 O-acetylsalicylic acid	
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REL (USA)	Long-term value: 5 mg/m <sup>3</sup>
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TLV (USA)	Long-term value: 5 mg/m <sup>3</sup>
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EL (Canada)	Long-term value: 5 mg/m <sup>3</sup>
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EV (Canada)	Long-term value: 5 mg/m <sup>3</sup>
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LMPE (Mexico)	Long-term value: 5 mg/m <sup>3</sup>
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- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.
- **Engineering controls: No relevant information available.**
- **Breathing equipment:**  
Not required under normal conditions of use.  
Use suitable respiratory protective device when high concentrations are present.
- **Protection of hands: Gloves not required under normal conditions of use.**
- **Eye protection: Follow OSHA or EU guidelines concerning the use of protective eyewear.**
- **Body protection: Not required under normal conditions of use.**
- **Limitation and supervision of exposure into the environment No relevant information available.**

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## 9 Physical and chemical properties

- Information on basic physical and chemical properties
- General information
- Appearance:
  - Form: Solid
  - Color: White
- Odor: Characteristic
- Odor threshold: Not determined.
  
- pH-value: Not applicable.
- Change in condition:
  - Melting point/Melting range: Not determined.
  - Boiling point/Boiling range: Not determined.
  
- Flash point: Not applicable.
- Flammability (solid, gaseous): Not determined.
  
- Auto-ignition temperature: Not determined.
- Decomposition temperature: Not determined.
  
- Auto igniting: Product is not self-igniting.
- Danger of explosion: Product does not present an explosion hazard.
- Explosion limits:
  - Lower: Not determined.
  - Upper: Not determined.
- Oxidizing properties: Not determined.
- Vapor pressure: Not determined.
  
- Density at 20 °C (68 °F): 0.98 g/cm<sup>3</sup> (8.178 lbs/gal)
- Relative density: Not determined.
- Vapor density: Not applicable.
- Evaporation rate: Not applicable.
  
- Solubility in / Miscibility with:
  - Water: Soluble.
  
- Partition coefficient (n-octanol/water): Not determined.
- Viscosity:
  - Dynamic: Not applicable.
  - Kinematic: Not applicable.
- Other information: No relevant information available.

## 10 Stability and reactivity

- Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.

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- Thermal decomposition / conditions to be avoided:  
No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions:  
Toxic fumes may be released if heated above the decomposition point.  
Reacts with alkali (lyes).  
Reacts with oxidizing agents.
- Conditions to avoid: No relevant information available.
- Incompatible materials: No relevant information available.
- Hazardous decomposition products: Carbon monoxide and carbon dioxide

## 11 Toxicological information

- Information on toxicological effects
- Acute toxicity:

- LD/LC50 values that are relevant for classification:

50-78-2 O-acetylsalicylic acid

Oral	LD50	200 mg/kg (rat)
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Primary irritant effect:

On the skin: Based on available data, the classification criteria are not met.

On the eye: Based on available data, the classification criteria are not met.

Sensitization: No sensitizing effects known.

Additional toxicological information:

- Carcinogenic categories

- IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

- NTP (National Toxicology Program):

None of the ingredients are listed.

- OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

- Probable route(s) of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

- Acute effects (acute toxicity, irritation and corrosivity): Harmful if swallowed.
- Repeated dose toxicity: No relevant information available.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
  - Germ cell mutagenicity: Based on available data, the classification criteria are not met.
  - Carcinogenicity: Based on available data, the classification criteria are not met.
  - Reproductive toxicity: Based on available data, the classification criteria are not met.
  - STOT-single exposure: Based on available data, the classification criteria are not met.
  - STOT-repeated exposure: Based on available data, the classification criteria are not met.
  - Aspiration hazard: Based on available data, the classification criteria are not met.

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## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No relevant information available.
- **Persistence and degradability:** No relevant information available.
- **Behavior in environmental systems**
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Additional ecological information**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects:** No relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- |  |                 |
|--|-----------------|
| • <b>UN-Number</b>   |                 |
| • <b>DOT, ADR, IMDG, IATA</b>  | Not regulated.  |
| • <b>UN proper shipping name</b>   |                 |
| • <b>DOT, ADR, IMDG, IATA</b>  | Not regulated.  |
| • <b>Transport hazard class(es)</b>  |                 |
| • <b>DOT, ADR, IMDG, IATA</b>  |                 |
| • <b>Class</b>   | Not regulated.  |
| • <b>Packing group</b>   |                 |
| • <b>DOT, ADR, IMDG, IATA</b>  | Not regulated.  |
| • <b>Environmental hazards</b>   | Not applicable. |
| • <b>Special precautions for user</b>  | Not applicable. |
| • <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| • <b>UN "Model Regulation"</b>   | Not regulated.  |

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## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

- Section 302 (extremely hazardous substances):

None of the ingredients are listed.

- Section 304 (emergency release notification):

None of the ingredients are listed.

- Sections 311/312 (hazardous chemical threshold planning quantity in pounds):

None of the ingredients are listed.

- Section 355 (extremely hazardous substances):

None of the ingredients are listed.

- Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

- TSCA (Toxic Substances Control Act)

All ingredients are listed.

- Proposition 65 (California)

- Chemicals known to cause cancer:

None of the ingredients are listed.

- Chemicals known to cause reproductive toxicity for females:

50-78-2  $\text{O}$ -acetylsalicylic acid

- Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

- Chemicals known to cause developmental toxicity:

50-78-2  $\text{O}$ -acetylsalicylic acid

- Carcinogenic categories

- EPA (Environmental Protection Agency):

None of the ingredients are listed.

- IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

- TLV (Threshold Limit Value established by ACGIH):

None of the ingredients are listed.

- NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients are listed.

- Canadian substance listings

- Canadian Domestic Substances List (DSL):

All ingredients are listed.

- Canadian Ingredient Disclosure list (limit 0.1%):

None of the ingredients are listed.

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<ul style="list-style-type: none"> <li>• <b>Canadian Ingredient Disclosure list (limit 1%):</b></li> </ul>
<ul style="list-style-type: none"> <li>None of the ingredients are listed.</li> </ul>

- **Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision 10/13/2015 / -**

- **Abbreviations and acronyms:**

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

- **Sources**

**Website, European Chemicals Agency (<http://http://echa.europa.eu/>)**

**Website, US EPA Substance Registry Services ([http://http://ofmpub.epa.gov/sor\\_internet/registry/substreg/home/overview/home.do](http://http://ofmpub.epa.gov/sor_internet/registry/substreg/home/overview/home.do))**

**Website, Chemical Abstracts Registry, American Chemical Society (<https://www.cas.org>)**

**Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6**

**Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.**

**Safety Data Sheets, Individual Manufacturers**

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