

## 1. Product and Company Identification

www.rxmarine.com

Product Name Starch Indicator Solution  
Product Type RXSOL-60-6221-100

### Company Details:

RX MARINE INTERNATIONAL  
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Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Salicylic Acid	CAS# 69-72-7	0.075 -0.15%	W/v	TXDS: orl-rat LD <sub>50</sub> : 891mg/Kg
Starch, Soluble	CAS# 9005-84-9	0.5 - 1.5%	W/v	None-Established
Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None-Established

## 3. Hazards Identification

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Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Emergency Overview: Possibly some Mild Eye Irritation.

Inhalation: Not Expected to be a Health Hazard.

Ingestion: No Adverse Effects Expected.

Skin: No Adverse Effects Expected.

Eye Contact: No Adverse Health Effects Expected. Possibly some Mild Irritation. Chronic Exposure: No Adverse Health Effects Expected.

Aggravated by Exposure: No Information Found.

## 4. First Aid Measures

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Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses

of water. Never give anything by mouth to an unconscious person.

## 5. Fire-fighting Measures

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Fire Extinguisher Type:

Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazard:

None

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to protect skin and clothing.

## 6. Accidental Release Measures

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Absorb spill with inert material. Flush excess down drain. Absorb Spills with Dry Absorbent or Dilute with Large Quantities of Water and Handle as Non-Hazardous Waste.

## 7. Handling and Storage

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Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices

## 8. Exposure controls and personal protection

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Respiratory Protection

None required

Ventilation

Local

OTHER

Mechanical

Protective Gloves

Gloves to prevent skin exposure as rubber or vinyl

EYE PROTECTION

Splash Goggles w/Side Shields

Other Protective Equipment

Use safe laboratory handling procedures.

## 9. Physical and chemical properties

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BOILING POINT

~100° C

VAPOR PRESSURE

not available

MELTING POINT

~0° C

VAPOR DENSITY

not available

EVAPORATION RATE

information not available

Appearance /Odors

Clear to slightly turbid solution, odorless

Flash Point

Not flammable

Specific Gravity

~1

Percent Volatile by

> 99%

Evaporation Resistant

No applicable

Air Sensitive Temp

No applicable

Lower Flamm. Limit in Air

No applicable

Upper Flamm. Limit in Air

No applicable

Solubility in Water

Soluble

## 10. Stability and reactivity

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STABILITY

Stable

CONDITIONS TO AVOID

None known

MATERIALS TO AVOID	Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Not known to occur
HAZARDOUS POLYMERIZATION	Will Not Occur
Conditions to Avoid	None known

## 11. Toxicological information

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IARC Category- None, NTP Carcinogen - Known: No

## 12. Ecological information

[www.rxmarine.com](http://www.rxmarine.com)

No Information Found.

## 13. Disposal considerations

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Whatever Cannot be Saved for Recovery or Recycling should be Managed in an Appropriate and Approved Waste Disposal Facility. Processing, Use or Contamination of this Product may Change the Waste Management Options. State and Local Disposal Regulations may Differ from Federal Disposal Regulations. Dispose of Container and Unused Contents in Accordance with Federal, State and Local Requirements.

## 14. Transport information

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DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

## 15. Regulatory information

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All components listed on TSCA inventory.

## 16. Other information

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Conditions aggravated/target organs: Persons with preexisting skin, eye or digestive disorders may be more susceptible. Acute: Possible irritation to skin, eyes, and digestive tract.

Chronic: None known. If ingested give large amounts of water and seek medical

Flammability

Health

Reactivity

Revisions  
7/28/2010

NFPA  
0.1 updated msds to 16 section from 10 section msds. STN  
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