

# MATERIAL SAFETY DATA SHEET

## \*\*\* CHEMICAL IDENTIFICATION \*\*\*

CHEMICAL NAME : J-ACID

CAS REGISTRY NUMBER : 87-02-5

BEILSTEIN REFERENCE NO. : 2217192

REFERENCE : 4-14-00-02823 (Beilstein Handbook Reference)

MOLECULAR FORMULA : C10-H9-N-04-S

MOLECULAR WEIGHT : 239.26

WISWESSER LINE NOTATION : L66J BQ DSWQ HZ

COMPOUND DESCRIPTOR : Primary Irritant

SYNONYMS/TRADE NAMES :

- \* 7-Amino-4-hydroxy-2-naphthalenesulfonic acid
- \* Aminonaphthol sulfonic acid J
- \* I acid
- \* Isogamma acid
- \* 2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-
- \* Kyselina 2-amino-5-naftol-7-sulfonova
- \* Kyselina 6-amino-1-naftol-3-sulfonova

## \*\* SKIN/EYE IRRITATION DATA \*\*

TYPE OF TEST : Standard Draize test

ROUTE OF EXPOSURE : Administration into the eye

SPECIES OBSERVED : Rodent - rabbit

DOSE/DURATION : 500 mg/24H

REACTION SEVERITY : Mild

REFERENCE :

85JCAE "Prehled Prumyslove Toxikologie; Organicke Latky," Marhold, J.,  
Prague, Czechoslovakia, Avicenum, 1986 Volume(issue)/page/year: -,1057,1986

**\*\* ACUTE TOXICITY DATA \*\***

TYPE OF TEST : LD50 - Lethal dose, 50 percent kill

ROUTE OF EXPOSURE : Oral

SPECIES OBSERVED : Rodent - rat

DOSE/DURATION : 11500 mg/kg

TOXIC EFFECTS :

Details of toxic effects not reported other than lethal dose value

REFERENCE :

85JCAE "Prehled Prumyslove Toxikologie; Organicke Latky," Marhold, J.,  
Prague, Czechoslovakia, Avicenum, 1986 Volume(issue)/page/year: -,1057,1986

### First aid measures

General advise if inhaled : consult physician if irrigation of respiratory passages occurs

on skin contact : wash with soap and water

on contact with eyes : flush with water

on ingestion : seek medical advice immediately

note to physician : treat symptomatically

### Fire fighting measures

Suitable extinguishing media : water mist, dry powder, foam, carbon dioxide

Unsuitable extinguishing media

For safety reasons : full water jet

The following can be off in a fire : none found

Special protective equipment : use breathing apparatus, wear full protective suit

Further information : collect contaminated fire fighting water

separately, must not be discharged into the drains

### **Accident release measures**

Personal precautions : Clothing suitable to avoid skin contact, local ventilation

And dust mask recommended

Environmental precautions : do not discharge into the drains/surface

water/groundwater

Method for cleaning up : collect onto absorbent, place in suitable container

### **Handling and storage**

Handling : keep dry, avoid extremely crash when transporting

Protection against fire and explosion : not applicable

Storage : store into iron drums with inner plastic bags, keep dry

### **Exposure control and personal protection**

Personal protective equipment

Respiratory protection : respirators

Hand protection : rubber gloves

Eye protection : goggles

Body protection : light protection clothing

General safety and hygiene measures : avoid contact with eyes and skin, Do not inhale dust