

## SALICYLIC ACID, EXTRA PURE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** SALICYLIC ACID, EXTRA PURE

**Product Code:** 691

**CAS#:** 69-72-7

**Chemical formula:** C<sub>7</sub>H<sub>6</sub>O<sub>3</sub>

**Synonym:** 2-Hydroxybenzoic acid

**Molecular Weight:** 138.12

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

**Synonyms:** 2-Hydroxybenzoic acid

**Formula:** C<sub>7</sub>H<sub>6</sub>O<sub>3</sub>

**Molecular Weight:** 138.12

**Name:** SALICYLIC ACID, AR GRADE

### SECTION 3: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4), H302

Serious eye damage (Category 1), H318

Reproductive toxicity (Category 2), H361d

### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures:

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled If breathed in:** Move person into fresh air. If not breathing, give artificial respiration. Consult a physician

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact:** Flush eyes with water as a precaution.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Most important symptoms and effects, both acute and delay:** Not available

**Indication of any immediate medical attention and special treatment needed:** not available

### SECTION 5: FIRE FIGHTING MEASURES

#### Extinguishing media:

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Nature of decomposition products not known. Combustible. Vapors are heavier than air and may spread along floors.

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust



**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage, including any incompatibilities:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. light sensitive.

**Specific end use(s) A part from the uses:** no other specific uses are stipulated

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment:**

**Eye/face protection:** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance Form</b>	: Colorless to white crystals /crystalline powder
<b>Odour</b>	: Not available
<b>Taste</b>	: Not available
<b>Molecular Weight</b>	: Not available
<b>Colour</b>	: Not available
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Critical Temperature</b>	: Not available
<b>Specific Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not Available
<b>Vapor Density</b>	: Not available
<b>Volatility</b>	: Not Available
<b>Odor Threshold</b>	: Not Available
<b>Water/Oil Dist. Coeff.</b>	: Not Available
<b>Iconicity (in Water)</b>	: Not Available
<b>Dispersion Properties</b>	: Not Available
<b>Solubility</b>	: 10% solution in methanol is clear and colorless



## SECTION 10: STABILITY AND REACTIVITY DATA

**Reactivity:** not available

**Chemical stability:** Stable under recommended storage conditions

**Possibility of hazardous reactions:** not available

**Conditions to avoid:** Light

**Incompatible materials:** Strong oxidizing agents, Strong bases, Iodine, Iron and iron salts.

**Hazardous decomposition products other decomposition products:** not available

## SECTION 11: TOXICOLOGICAL INFORMATION

**Information on toxicological effects:** LD50 Oral - rat - 891 mg/kg

Remarks: Behavioral:Somnolence (general depressed activity).

Behavioral:Muscle weakness.

LC50 Inhalation - rat - 1 h - > 900 mg/m3

LD50 Dermal - rabbit - > 2000 mg/kg

**Skin corrosion/irritation:** Skin - rabbit Result: Mild skin irritation - 24 h

**Serious eye damage/eye irritation:** Eyes - rabbit Result: Severe eye irritation

**Respiratory or skin sensitization:** not available

**Carcinogenicity:**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity:** not available

**Specific target organ toxicity:** not available

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Toxicity to fish LC50 - Leuciscus idus (Golden orfe) - 90 mg/l

Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 105 mg/l - 24 h

**Persistence and degradability:** Not available

**Bioaccumulative potential:** not available

**Mobility in soil:** not available

**Results of PBT and vPvB assessment PBT/vPvB assessment:** not available

**Other adverse affects:** Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## SECTION 14: TRANSPORT INFORMATION

**UN number:**

**ADR/RID:**

**IMDG:**

**IATA:**

**UN proper shipping name**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Transport hazard class (es):**

**ADR/RID:**

**IMDG:**

**IATA:**

**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**



**Environmental hazards:**

ADR/RID: No

IMDG Marine pollutant: No

IATA: No

**SECTION 15: OTHER REGULATORY INFORMATION**

**Regulatory information:** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Safety, health and environmental regulations/legislation specific for the substance or mixture:** no data available

**Chemical Safety Assessment:** For this product a chemical safety assessment was not carried out

**SECTION 16: OTHER INFORMATION**

**References: Full Text of H & R Statements:**

H302 Acute toxicity, Oral (Category 4)

H318 Serious eye damage (Category 1)

H361d Suspected of damaging the unborn child.

**Other Special Considerations:** Not available.

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