

SALICYLIC ACID, AR GRADE

SECTION 1: PRODUCT IDENTIFICATION

Product Name: SALICYLIC ACID, AR GRADE

Product Code: 680

CAS#: 69-72-7

Chemical formula: $C_7H_6O_3$

Synonym: 2-Hydroxybenzoic acid

Molecular Weight: 138.12

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Synonyms: 2-Hydroxybenzoic acid

Formula: $C_7H_6O_3$

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 No data available

Indication of any immediate medical attention and special treatment needed no data 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

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

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity no data available

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions no data available

Conditions to avoid Light

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

Hazardous decomposition products other decomposition products - no data 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 no data 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 no data available

Specific target organ toxicity - no data 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 No data available

Bioaccumulative potential no data available

Mobility in soil no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not data available

Other adverse affects: No data 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: NA

IATA: NA

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class (es):

ADR/RID:

IMDG: NA

IATA: NA

Packaging group:

ADR/RID: NA

IMDG: NA

IATA: NA



Environmental hazards:

ADR/RID: NA

IMDG Marine pollutant: NA

IATA: NA

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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