Material Safety Data Sheet

HUMIC ACID (RXSOL-60-6604-679)

1. Product and Company Identifaction

Product Name	RXSOL-60-6604-679
Product Type	HUMIC ACID
Revised date	

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Substance / Preparation : HUMIC ACID
CAS No. : 68514- 28- 3

Substance name	Contents	CAS No
Humic acid	= 100 %	68514- 28- 3

Substance. Contains no other components or impurities which will influence the classification of the product.

3. Hazards Identification

3.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Skin irritation (Category 2), H315 Eye irritation (Category 2), H319
Specific target organ toxicity - single exposure (Category 3), H335
For the full text of the H-Statements mentioned in this Section, see Section 16.
3.2 Label elements
Labelling according Regulation (EC) No 1272/2008
Symbol(s) : T : Toxic
R Phrase(s): 36/37/38 Irritating to eyes, respiratory system and skin.
S Phrase(s) : S26 In the case of contact with eyes, rinse immediately
with plenty of water and seek medical advise. S36: Wear suitable protective
clothing. Labelling according Regulation (EC) No 1272/2008
Hazard pictograms
Hazard statement(s) H315
Causes skin irritation. H319
Causes serious eye irritation. H335
May cause respiratory irritation. Precautionary statement(s)
P261 Avoid breathing dust.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements none
3.3 Other hazards - none

4. First Aid Measures

4.1 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 Rinse thoroughly with plenty of water for at least
15 minutes and consult a physician. If swallowed Never give anything by
mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section
11 4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. Fire-fighting Measures

5.1 Extinguishing media
Suitable extinguishing media Use water spray,
alcohol-resistant foam, dry chemical or carbon dioxide.
5.2 Special hazards arising from the substance or mixture
Nature of decomposition products not known.
5.3 Advice for firefighters Wear self-contained breathing
apparatus for firefighting if necessary.
5.4 Further information
No data available

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.
Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.
6.2 Environmental precautions
Do not let product enter drains.
6.3 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 for disposal.
6.4 Reference to other sections
For disposal see section 13.

7. Handling and Storage

7.1 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. For precautions see section 2.2.
7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): Combustible Solids
7.3 Specific end use(s)
Apart from the uses mentioned in section
1.2 no other specific uses are stipulated

8. Exposure controls and personal protection

8.1 Control parameters
8.2 Exposure controls
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.
The selected protective gloves have to satisfy the specifications of EU Directive
89/686/EEC and the standard EN 374 derived from it. If used in solution, or mixed
with other substances, and under conditions which differ from EN 374, contact the
supplier of the CE approved gloves. This recommendation is advisory only and must
be evaluated by an industria situation of anticipated use by our customers.
It should not be construed as offering an approval for any specific use scenario.

Body Protection Impervious clothing, 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 r (US) or type ABEKP2 (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 Do not let product enter drains.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties
Odour Threshold: No data available
pH :No data available
Melting point/freezing
Point Melting point/range: 300 °C
Initial boiling point and boiling range : No data available Flash point: No data available
Evaporation rate No data available
Flammability (solid, gas): No data available
Upper/lower flammability or explosive limits: No data available
Vapour pressure: No data available
Vapour density No data available
Relative density: No data available
Water solubility: No data available
Partition coefficient: noctanol/ water: No data available
Auto-ignition temperature: No data available
Decomposition temperature : No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties :No data available
9.2 Other safety information
No data available

10. Stability and reactivity

10.1 Reactivity
No data available
10.2 Chemical stability
Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions
No data available
10.4 Conditions to avoid
No data available
10.5 Incompatible materials
Strong oxidizing agents
10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known. Other decomposition products - No data available In the event of fire: see section 5

11. Toxicological information

11.1 Information on toxicological effects Acute toxicity
No data availableHumic acid
Skin corrosion/irritation No data available(Humic acid)
Serious eye damage/eye irritation No data available(Humic acid)
Respiratory or skin sensitisation No data available(Humic acid)
Germ cell mutagenicity No data available(Humic acid)
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(Humic acid)
Specific target organ toxicity - single exposure No data available(Humic acid)
Specific target organ toxicity - repeated exposure No data available
Aspiration hazard No data available(Humic acid)
Additional Information RTECS: MT6544000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(Humic acid)

12. Ecological information

12.1 Toxicity
No data available
12.2 Persistence and degradability
No data available
12.3 Bioaccumulative potential
No data available
12.4 Mobility in soil
No data available(Humic acid)
12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical
safety assessment not required/not conducted
12.6 Other adverse effects
No data available

13. Disposal considerations

13.1 Waste treatment methods
Product Offer surplus and non-recyclable solutions to a
licensed disposal company. Dissolve or mix the material with
a combustible solvent and burn in a chem scrubber.
Contaminated packaging Dispose of as unused product.

14. Transport information

14.1 UN number
ADR/RID: - IMDG: - IATA: - 14.2
UN proper shipping name ADR/RID: Not dangerous goods
IMDG: Not dangerous goods IATA: Not dangerous goods
14.3 Transport hazard class(es)
ADR/RID: - IMDG: - IATA: -
14.4 Packaging group
ADR/RID: - IMDG: - IATA: -
14.5 Environmental hazards
ADR/RID: no IMDG Marine pollutant: no
IATA: no 14.6 Special precautions for user No data available

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

16. Other information

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative
Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives
67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 Further information : None. In accordance with REACH
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