SAFETY DATA SHEET according to EC directive 1907/2006

STRIPPIT ANTIFOULING REMOVER: Revision Date: 13.5.15

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

1.1 Product Identifier: STRIPPIT ANTIFOULING REMOVER

1.2 Relevent Idenitifed Uses: Antifouling Remover

1.3 Details of the supplier: Reactive Resins, 33 Normandy Way, Walker Lines Industrial Estate, BODMIN, Cornwall, PL31 1HA, United Kingdom
Telephone: +44 (0) 1208 264999
Email: admin@reactiveresins.com

1.4 Emergency Telephone: +44 (0) 7910117144

2. HAZARDS IDENTIFICATION (According to Regulation (EC) No1272/2008 [CLP])

2.1 Classification of the mixture or substance
Physical and Chemical Hazards: Met. Corr. 1 - H290
Human health: Skin Corr. 1A - H314
Environment: Not classified.

2.2 Label elements
Label In Accordance With (EC) No. 1272/2008

Signal Word: Danger

Hazard Statements: H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary Statements: P280 Wear protective gloves/clothing/eye protection/face protection.
P260 Do not breathe vapour/spray.
P303+361+353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338 IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.

Supplementary Statements: None

2.3 Other Hazards: None Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: Not Applicable

3.2 Mixtures - Description of the mixture: Sodium Hydroxide Solution

CAS No.	EC No.	Index No.	REACH Registration No.	Name	Classification according to Regulation (EC) No1278/2008 (CLP)	% By Weight
1310-73-2	215-185-5	011-002-00-6	01-2119457892-27-xxxx	Caustic Soda	Met. Corr. 1 H290, Skin Corr. 1A H314	20-60

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information
In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). CAUTION! First aid personnel must be aware of own risk during rescue.

Inhalation
Move the exposed person to fresh air at once. Get prompt medical attention. If respiratory problems, artificial respiration/oxygen.

Ingestion
Immediately rinse mouth and provide fresh air. Never give liquid to an unconscious person. Do not induce vomiting. Get medical attention immediately.

Skin contact
Promptly remove clothing and wash contaminated skin with water. Get medical attention immediately.

Eye contact
Immediately flush with plenty of water for up to 15 minutes. Get medical attention immediately. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation, Ingestion, Skin Contact
Burning of lips, mucous membranes of oral cavity, gullet, stomach, salivation, pains in the mouth, in tract of breast bone and abdominal zone, pain at swallowing, effect of collapse. Nausea, vomiting. Corrosive skin damage

Eye contact
Highly Corrosive. May cause blurred vision and serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed
In case of intoxication, eye and skin contact, immediate medical attention is required.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media
Use water spray, alcohol resistant foam, dry chemical or carbon dioxide

5.2. Special hazards arising from the substance or mixture
Gives off hydrogen by reaction with metals.

5.3. Advice for firefighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Warn everybody of potential hazards and evacuate if necessary. In case of inadequate ventilation, use respiratory protection. Avoid inhalation, contact with skin and eyes. See Section 8 for personal protection

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Flush the area with water

6.4. Reference to other sections
Collect and dispose of spillage as indicated in section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid contact with skin and eyes. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. See section 2.2 for precautions

7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.
Unsuitable material: metals

7.3 Specific end use(s)
See section 1.2

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	CAS No.	STEL
Caustic Soda	1310-73-2 S	2mg/m3 (UK)

8.1. Precautions for safe handling

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. Provide adequate ventilation

Eye/face protection
Tightly fitting safety goggles. Faceshield (8-inch minimum).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Body protection

Wear apron or protective clothing in case of contact

Respiratory protection

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Other Protection

Provide eyewash station and safety shower. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash hands after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form: paste, Colour: opaque, white to yellow
b) Odour: No data available
c) Odour Threshold: No data available
d) pH >13
e) Melting point/freezing point: 0 - 10 °C
f) Initial boiling point: 135 °C
g) Flash point: Not applicable
h) Evaporation rate: No data available
i) Flammability (solid, gas): No data available
j) Upper/lower flammability or explosive limits: No data available
k) Vapour pressure: < 24 hPa at 20 °C
l) Vapour density: 1.38 - (Air = 1.0)
m) Relative density: 1.48 g/mL at 15.5 °C
n) Water solubility: completely miscible, soluble
o) Partition coefficient: noctanol/water: No data available
p) Auto-ignition temperature: No data available
q) Decomposition temperature: No data available
r) Viscosity: No data available
s) Explosive properties: No data available
t) Oxidizing properties: No data available

9.2 Other safety information

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

Evolves hydrogen in contact with aluminium and zinc.

10.4 Conditions to avoid

Do not use welding equipment on tanks or pipes containing product.

10.5 Incompatible materials

Acids, Organic materials, Chlorinated solvents, Aluminum, Phosphorus, Tin/tin oxides, Zinc

10.6 Hazardous decomposition products

No data available

1. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: No data available
Skin corrosion/irritation: No data available
Serious eye damage/eye irritation: No data available
Respiratory or skin sensitisation: No data available
Germ cell mutagenicity: 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 - single exposure: No data available
Specific target organ toxicity - repeated exposure: No data available
Aspiration hazard: No data available
Additional Information: RTECS: Not available. burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

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

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste is classified as hazardous waste. Dispose of waste and residues in accordance with local authority requirements. Neutralise with lime chloride, weak acid solution, washed with plenty of water.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: 1824 IMDG: 1824 IATA: 1824

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: SODIUM HYDROXIDE SOLUTION

14.3 Transport hazard class(es)

ADR/RID: 8 IMDG: 8 IATA: 8

14.4 Packaging group

ADR/RID: II IMDG: II IATA: II

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

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

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
Met. Corr. Corrosive to metals
Skin Corr. Skin corrosion

Further information

Users of products supplied by Reactive Resins should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH). All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent. All goods are supplied subject to Reactive Resins General Conditions of Sale.