

Conforms to 91/155/EC-2001/58/EC - United Kingdom (UK)

SAFETY DATA SHEET

RECLAIM

1 Identificatic Identification of the substance/preparation and of the company

Product Name **RECLAIM** Manufacturer: CFR, A Tacony Company
3101 Wichita Court
Fort Worth, TX 76140-1710
800-880-2913 EXT 150

Supplier: CFR, A Tacony Company
3101 Wichita Court
Fort Worth, TX 76140-1710
800-880-2913 EXT 150

Emergency telephone number:

Material uses: Alkaline Cleaner

2 Composition/information on ingredients

Substance/Preparation: Preparation

Chemical Name	CAS no.	%	EC Number	Classification
Sodium carbonate	497-19-8	3--7	207-838-8	X _i , R36/38
Sodium sesquicarbonate	533-96-0	3--7	208-580-9	X _i , R36/38
Benzene sulfonic acid, Decyl(Sulfo-phenoxy) disodium salt	36445-71-3	0.5-1.5	253-040-8	X _i , R36
Benzene sulfonic acid, oxybis(decyl, disodium salt)	70146-13-3	0.5-1.5	274-342-6	X _i , R36

* Occupational Exposure Limits, if available, are listed in Section 8

3 Hazards Identification

This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments

Classification

Effects and Symptoms

Inhalation: Very slightly hazardous in case of inhalation

Ingestion: Harmful if swallowed. May cause vomiting, headache and other medical problems.

Skin Contact: May cause skin irritation. Skin inflammation is characterized by itching, scaling, reddening, or occasionally blistering. Non sensitizer for skin.

Eye Contact: May cause eye irritation.

4 First-aid Measures

First-aid measures

Inhalation: If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconcious person. If large quantities of this material are swallowed, call a physician immediately.

Skin Contact: Immediately flush skin with plenty of water. Cold water may be used. Obtain medical attention.

Eye contact: Check for, and remove any contact lenses. Immediately flush eyes with copious amount of water for 15 minutes. Cold water may be used. Obtain medical attention.

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5 Fire-fighting measures

Extinguishing Media

Suitable: Not Applicable.

Special fire-fighting procedures: Fire fighters should wear self contained breathing apparatus (SCBA) and full turn-out gear.

6 Accidental release measures

Personal Precautions: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing may not be sufficient. Consult a specialist for handling this product.

Environmental precautions and cleanup methods Absorb with inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on spill; allow to drain to sewer.

Note: See section 8 for personal protective equipment and section 13 for waste disposal

7 Handling and storage

Handling: Do not ingest. Do not breath gas/fumes/ vapour/spray. Wear protective clothing. If ingested, seek medical advice immediately. Avoid contact with skin or eyes. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well ventilated area.

Packaging materials

Recommended use: Use original container.

8 Exposure controls/personal protection

Engineering measures: Provide exhaust ventilation or other engineering controls to keep the the airborne concentrations of vapours below the respective threshold limits.

Hygiene measures: Wash hands after handling compounds and before eating, smoking, using lavatory and at the end of the day.

Ingredient Name	Occupational Exposure Limits
Sodium carbonate	Not available
Sodium sesquicarbonate	Not available
Benzenesulfonic acid, decyl(Sulfophenoxy)-disodium salt	Not available
Benzenesulfonic acid, oxybis (decyl, disodium salt)	Not available

Personal protective equipment

Respiratory system: Wear an approved/certified respirator or equivalent when ventilation is inadequate.

Skin and body: Lab coat.

Hands: Gloves.

Eyes: Splash goggles.

9 Physical and chemical properties

Physical state: Clear liquid

Colour: Light tan to brown

Odour: Fresh fragrance.

pH: 9.5-10.0 as concentrate

Boiling point: > 100° C. (212°F)

Melting point: May start to solidify at minus 0.1°C.

Flash point: Not applicable.

Explosive properties: Risks in presence of mechanical impact: Not known.

Risks in presence of static discharge: Not known.

Oxidizing properties: None

Vapour pressure: The highest known value is 2.3 Kpa (17.5 mmHg at 20°C) Water.

RECLAIM**9 Physical and chemical properties continued**

Specific Gravity: 1.11 gms/cc
 Solubility: Readily soluble in cold water, hot water, methanol and acetone
 Vapour density: The highest known value is 0.62 (Air=1)
 Evaporation rate(butyl acetate=1): 0.36 (water) compared to Butyl acetate.

10 Stability and reactivity

Stability: The product is stable.
 Materials to avoid: Reactive with oxidizing agents.

11 Toxicological information

Acute Toxicity

Ingredient Name	Test	Results	Route	Species
Benzenesulfonic acid, decyl(Sulfo-phenoxy)-disodium salt	LD-50	2000 mg/kg	oral	Rat
Sodium carbonate	LD-50	117 mg/kg	oral	Mice

Local effects:

Skin irritation: May cause skin irritation upon contact.
 Eye Irritation: May cause eye irritation.
 Sensitization: Non sensitizer to skin.

Chronic Toxicity

Developmental and teratogenic effects: Not available.

12 Ecological Information**13 Disposal considerations**

Methods of disposal: Waste of residues: Waste must be disposed of in accordance with federal and local environmental control regulations.
 Contaminated packaging: and local environmental control regulations.
 Waste Classification: Not available
 European Waste Catalogue(EWC): Not available.
 Hazardous Waste: To present knowledge of supplier, this product is not regarded as hazardous waste per EU Directive 94/904/EC

14 Transport information

International transport regulations

Regulatory Information	UN Number	Proper shipping name	Class	Packaging group	Label	Additional Information
ARD/RID Class	Not regulated					
ADN Class	Not regulated					
IMDG Class	Not regulated					
IATA-DGR Class	Not regulated					

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15 Regulatory information

EU Regulations

Safety phrases:

Product use: Classification and labeling have been performed according to EU Directives 67/548/EEC, 88/379/EEC, including amendments and the intended use. Industrial applications.

National regulations

VOC Content (Retail use):

VOC Content (Industrial use): Contains < 0.5% VOC.

Hazard symbols:

Risk phrases: Product is not classified according to EU regulations.

16 Other information

Full text of R phrases with no. appearing in Section 2- (UK) R36- Irritating to eyes.
R36/38- Irritating to eyes and skin.

Text of classifications in Section 2- (UK) :

History

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Prepared by: CFR, A Tacony Company

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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