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HEALTH AND SAFETY DATA SHEET ANGELO PO COMBISTAR FX CLEANER

IDENTIFICATION OF THE SUBSTANCE

Use / description of product: A concentrated odourless alkali detergent for automatic cleaning of combination ovens.

HAZARDS IDENTIFICATION

Main hazards: Causes severe burns.

COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM HYDROXIDE 10-30%
EINECS: 215-185-5 CAS: 1310-73-2 [C] R35

FIRST AID MEASURES (SYMPTOMS)

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: Corrosive. In combustion emits toxic fumes of carbon dioxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

ACCIDENTAL RELEASE MEASURES

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing - please refer to the Exposure Controls / Personal Protection section in this safety data sheet for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

Suitable packaging: Stainless steel. Teflon. Polyethylene.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: SODIUM HYDROXIDE WEL (15 min STEL): 2 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Hand protection: Impermeable gloves. Gloves (alkali-resistant).

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing. Alkali resistant protective clothing.

PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid.

Odour: Barely perceptible odour.

Oxidising: Non-oxidising (by EC criteria).

Viscosity: Non-viscous.

pH: 1% = 12.5 - 13

Colour: Colourless.

Evaporation rate: Moderate.

Solubility in water: Soluble.

Relative density: 1.2 - 1.3

VOC g/l: 0

STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Aluminium.

Hazardous decomposition products: In combustion emits toxic fumes of carbon dioxide.

TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM HYDROXIDE

IPR MUS LD50 40 mg/kg ORL RBT LDLO 500 mg/kg

Routes of exposure: Please refer to the First Aid Measures (Symptoms) and (Action) sections in this safety data sheet for routes of exposure and corresponding symptoms.

ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

TRANSPORT INFORMATION

ADR / RID

UN number: 1760

Packing group: II.

Shipping name: CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE).

Labelling: 8 Corrosive.

UN number: 1760

Packing group: II.

Marine pollutant: -

UN number: 1760

Packing group: II.

Packing instructions: 808(P&CA); 812(CAO).

ADR Class: 8

Classification code: C9

Hazard ID no: 80

Class: 8

EmS: F-A,S-B.

Labelling: 8

Class: 8

Labelling: 8

REGULATORY INFORMATION

Hazard symbols: Corrosive.

Risk phrases: R35: Causes severe burns.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S1/2: Keep locked up and out of the reach of children.

S28: After contact with skin, wash immediately with plenty of water.

Hazardous ingredients (label): SODIUM HYDROXIDE

Seveso II guideline: No.

Water hazard class: 1 Classification by VwVwS.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in Composition/Information on Ingredients: R35: Causes burns.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

The information contained in this Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation.