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www.tomco-harwel.com; www.summitprochem.com



1. IDENTIFICATION

Synonyms none

CAS# listed below in Part 3

Material Use hard surface cleaner & lime scale remover

IN AN EMERGENCY CALL: INFOTRAC 1-800-535-5053

2. HAZARD IDENTIFICATION

GHS Class metal corrosion skin irritation eye corrosion (Category) (1) (2) (1) Signal Words WARNING WARNING DANGER

Hazard Statements may be causes skin causes

corrosive to irritation serious eye metals (H315) damage (H290) (H318)

GHS Precautionary Statements for Labeling

P262 Do not get in eyes, on skin or on clothing.

P264 Wash thoroughly after handling.

Phosphoric Acid

Sodium Chloride

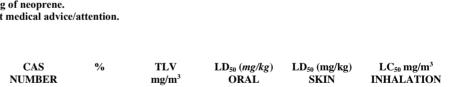
Water

Anionic Surfactant

P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves and clothing of neoprene.

COMPOSITION

P313 & P333 If skin irritation or rash occurs, get medical advice/attention.



1250

620

3550

90,000

1260

not known

not toxic

not toxic

NOTE: All color & scent substances are present at below 0.1%, at which level they are entirely harmless.

7664-38-2

on request

7647-14-5

7732-18-5

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25.5

not known

not toxic

not toxic

10-12%

1-5%

1-5%

balance

not listed

not listed

not toxic

Product Name: Cherry Bowl

2

FIRST AID

SKIN: Wash with plenty of water. Remove contaminated clothing and do not reuse until laundered. Seek medical help

promptly if there is persistent itching or redness in the affected area.

Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly irritation occurs. EYES:

INHALATION: Remove from contaminated area promptly. CAUTION: Rescuer must not endanger himself! If victim's

breathing stops, administer artificial respiration and seek medical aid promptly.

INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting

occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.

FLAMMABILITY & FIRE-FIGHTING

Flash Point cannot burn **Autoignition Temperature** cannot burn Flammable Limits cannot burn

Combustion Products smoke, part oxidized hydrocarbon fragments, oxides of phosphorous & nitrogen, ammonia

as for materials sustaining fire; firefighters must wear SCBA Firefighting Precautions

Static Discharge cannot accumulate a static charge

ACCIDENTAL RELEASE MEASURES

Leak Precaution dike to control spillage and prevent environmental contamination

recover free liquid with corrosion-resistant pumps; absorb residue on an inert sorbent, sweep, shovel & store Handling Spill

in closed containers for disposal

HANDLING & STORAGE 7.

Store and use away from strong alkalis. Never cut, drill, weld or grind on or near this container, whether empty or full. Always replace drum, pail or IBC cap prior to moving the container!

Avoid generating or breathing product vapor or mist. If mist or vapor form in use, install adequate ventilation to clear workplace air. Avoid prolonged contact with skin and wash work clothes frequently. An eye bath and safety shower should be available near the workplace.

Warning: This product is corrosive to skin, eyes & metals. Avoid spillage & handle with care.

EXPOSURE CONTROL & PERSONAL PROTECTION

 $3mg/m^3$ ACGIH TLV 1mg/m^3 ACGIH STEL **OSHA PEL** 1mg/m^3 $3mg/m^3$ OSHA STEL

Ventilation mechanical ventilation may be required if product mist is created in processing

neoprene gauntlet-style gloves - other types also protect; confirm suitability with supplier Hands

safety glasses with side shields plus face shield – always protect the eyes Eyes

Clothing wear neoprene apron, boots, hat, & long sleeves if there is any danger of splashing,

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9. PHYSICAL AND CHEMICAL PROPERTIES

Odor & Appearance clear, reddish, viscous liquid with a cherry odor

Odor Thresholdnot knownVapor Pressureas for waterEvaporation Rate (Butyl Acetate = 1)as for water

 $\begin{array}{lll} \mbox{Vapor Density (air = 1)} & 0.6 - only \ water \ vapor \ is \ present \\ \mbox{Boiling Point} & slightly \ above \ 100^{\circ}\mbox{C} \ / \ 212^{\circ}\mbox{F} \\ \mbox{Freezing Point} & slightly \ below \ 0^{\circ}\mbox{C} \ / \ 32^{\circ}\mbox{F} \\ \mbox{Specific Gravity} & 1.07 - 1.085 \ (20/20^{\circ}\mbox{C}) \end{array}$

 $Water \ Solubility \qquad \qquad complete \\ Log \ P_{\text{O/W}} \ (\textit{Octanol/H}_2\textit{O Partition Coefficient}) \ \ not \ known \\$

Viscosity not known – *viscous liquid* pH below 2 – *strongly acidic*

10. REACTIVITY

Dangerously Reactive With strong alkalis

Also Reactive With corrodes steel, iron, zinc (galvanized surfaces) aluminum, copper, brass, etc

Chemical Stability stable; will not polymerize

Decomposes in Presence of not known

Decomposition Products none apart from Hazardous Combustion Products

Mechanical Impact not sensitive

11. TOXICITY INFORMATION

i. ACUTE EXPOSURE

Skin Contact severely irritating to skin if contact is prolonged Skin Absorption yes, slowly; toxic effects unlikely by this route

Eye Contact may be corrosive to eyes, causing permanent damage, if not removed promptly

Inhalation vapor or mist irritate the nose, throat and lungs

Ingestion ingestion corrosive to mouth, throat and stomach – not a route of industrial exposure

ii. CHRONIC EXPOSURE

General prolonged or repeated exposure to dilute product may cause dermatitis

Sensitizing not a sensitizer

Carcinogen/Tumorigen not known to be a tumorigen or a carcinogen in humans or animals

Reproductive Effect no known effect on humans or animals

Mutagen not known to be a mutagen or teratogen in humans or animals

 $\begin{array}{lll} \mbox{Synergistic With} & \mbox{not known} \\ \mbox{Calculated LD_{50} (oral)} & 7250\mbox{mg/kg (rat)} \\ \mbox{Calculated LD_{50} (skin)} & 12,000\mbox{mg/kg (rabbit)} \end{array}$

LC₅₀ (inhalation) not known

12. ECOLOGICAL INFORMATION

Bioaccumulation all components are water soluble & will not bioaccumulate

Biodegradation anionic surfactant biodegrades readily; degradation rate is unknown

phosphoric acid & sodium chloride, inorganic substances, cannot biodegrade;

neutralized phosphoric acid is taken up by plants

Abiotic Degradation not known

Mobility in soil, water water soluble; moves readily through soil & the water column

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Product Name: Cherry Bowl

ECOLOGICAL INFORMATION, cont'd 12.

Aquatic Toxicity phosphoric acid

LC₅₀ (Fish. 96hr) pH 3-3.5 (Lepomis macrochirus & Gambusia affinis)

LC₅₀ (Crustacea, 12hr) pH 4.6 (Daphnia magna), pH 4.1 (Daphnia pulex), pH 3.4 (Gammarus pulex & Gammarus fossarum)

EC₅₀ (Algæ) no information – phosphate salts are essential plant nutrients . . . EC₅₀ (Bacteria) 270mg/litre (activated sludge), 240mg/litre ("other protozoans")

Aquatic Toxicity sodium chloride

5840 & 7650mg/litre (Lepomis macrochirus)¹, 7340mg/litre (Carassius auratus)¹ LC₅₀ (Fish 96 hr)

LC₅₀ (Crustacea, 48hr) 874 & 4136mg/litre (Daphnia magna)¹ 2430mg/litre (Nitzschia linearis)¹ EC₅₀ (Algae, 96hr) 35,000mg/litre (activated sewage sludge)¹ LC₅₀ (Microorganisms)

Aquatic Toxicity anionic surfactant – no aquatic toxicity data is available for this substance

13. **DISPOSAL CONSIDERATIONS**

Waste Disposal do not flush to sewer without dilution – product should be diluted at least 20:1 before flushing; biological

degradation is probably the best means of disposal

Drums should be reused. Recondition and pressure test by a licensed reconditioner prior to re-use. Containers

Pails must be vented and thoroughly dried prior to crushing and recycling.

IBCs (intermediate bulk containers): polyethylene bottle must be pressure tested & recertified at 30 months. Replace at 60 months (5 years). Steel containers must be inspected, pressure tested & recertified every 5 years.

Warning: never cut, drill, weld or grind on or near this container, even if empty.

TRANSPORT INFORMATION 14.

USA 49 CFR & Canada/International TDG

Product Identification Number

Shipping Name Not regulated in quart bottles Marine Pollution not a marine pollutant No

ERAP Required



15. REGULATIONS

Canada DSL all components on inventory

U.S.A. TSCA All chemicals in this product are listed as active or are exempt from TSCA inventory. **Europe EINECS** all components on inventory or exempt as polymers (surfactant)

16. OTHER INFORMATION

Date of Preparation February 2015

Date of Revision Dec 2018, TSCA statement

Prepared for Tomco-Harwel Ind.

With data from the Registry of Toxic Effects of Chemical Substances (RTECS), Hazardous Substance Data Base (HSDB), Cheminfo (CCOHS), OSHA, IUCLID Datasheets (European Chemical Substance Information System - ESIS), & others sources (below if used), as required/available

(1) European Chemicals Agency (EChA), dossier on sodium chloride: http://apps.echa.europa.eu/registered/data/dossiers/DISS-9eac3cb3ee12-1c84-e044-00144f67d031/DISS-9eac3cb3-ee12-1c84-e044-00144f67d031 DISS-9eac3cb3-ee12-1c84-e044-00144f67d031.html

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