MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product & Company Identification

Product Description: Purisan™ Phosphate Remover

Product Code: PP348

Synonyms: None

Company:

Tennants Distribution Ltd

Hazelbottom Road

Cheetham

MANCHESTER

M8 0GR

Tel: 0161 205 4454 Fax: 0161 203 4298

Section 2 - Hazards Identification

CAS #: 10025-84-0

Chemical Name: Lanthanum Chloride, Water, EDTA

EINECS: Not Listed

Classification according to EU Directives 67/548/EEC

Symbols Xi – Irritant

Risk Phrases None

Risk Combination Phrases R36/37/38 – Irritating to eyes, respiratory system & skin

Label Elements



Signal Word WARNING

Hazard Statements

H315 - Causes Skin Irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Precautionary Statements - EU (28,1272/2008)

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

Section 3 - Composition / Information on Ingredients

CAS Nos: 10025-84-0

Lanthanum Chloride, Water, EDTA

EINECS: Not Listed

Section 4 - First Aid Measures

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses if present

and easy to do so. Continue rinsing. Obtain medical attention.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated

clothes and shoes. Obtain medical attention.

Ingestion Do NOT induce vomiting. Clean mouth with water. If conscious give 2-4 cupfuls of

milk or water. Get medical attention.

Inhalation Remove from exposure, lie down. Move to fresh air, if breathing is difficult give

oxygen. If not breathing give artificial respiration. Obtain medical attention.

Note to Physician Treat symptomatically and supportively.

Section 5 – Fire-Fighting Measures

Suitable Extinguishing Media Water spray – Carbon Dioxide – Dry Chemical – Chemical foam

Special Hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapours.

Advice for Fire-Fighters

Wear self-contained breathing apparatus pressure demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment & emergency procedures:

Wear protective clothing as indicated in Section 8 - Ensure adequate ventilation

Environmental precautions:

Prevent further leakage or spillage if safe to do so

Methods and material for containment and cleaning up:

Small spills – Wash away with large amounts of water.

Large spills – Absorb using inert material and transfer to a suitable container for disposal in accordance with local regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling:

Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

Keep in a dry, cool and well ventilated place. Keep container tightly closed. Avoid storage near oxidizers, acids and powdered metals.

Specific End Uses:

Phosphates removal for swimming pool and spa water.

Section 8 – Exposure Controls / Personal Protection

Control Parameters:

Exposure limits This product as supplied does not contain any hazardous materials with

Occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No Information available Predicted No Effect Concentration No information available

(PNEC)

Exposure Controls:

Engineering Measures Ensure adequate ventilation, especially in confined areas. Ensure that eyewash

Stations and safety showers are close to the workstation.

Personal Protective Equipment:

Eye Protection Goggles
Hand Protection Gloves

Skin & Body Protection Wear appropriate protective gloves and clothing to prevent skin exposure Respiratory Protection Follow OSHA respirator regulations found in 29 CFR 1910.134 or European

Standard EN 149. Use NIOSH/MSHA or European Standard EN149 approved Respirator if exposure limits are exceeded or if irritation or other symptoms are

experienced.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls No information available.

Section 9 – Physical and Chemical Properties

Physical State Liquid

Appearance Off-white to yellowish

pH Slightly acidic

Water solubility Soluble

Section 10 - Stability & Reactivity

Reactivity & Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions:

Hazardous Polymerisation Hazardous polymerisation does not occur

Hazardous Reactions No information available Conditions to Avoid Incompatible products

Incompatible Materials: Strong oxidising agents, Strong acids, Powdered metals

Hazardous Decomposition Products: Hydrogen Chloride gas

Section 11 - Toxicological Information

Information on Toxicological Effects

Acute Toxicity:

Product Information No acute toxicity

Component Information

Lanthanum Chloride

LD50 Oral	LD50 Dermal	LC50 Inhalation		
2370 mg/kg (Rat)				

Chronic Toxicity:

Carcinogenicity There are no carcinogenic chemicals in this product

Sensitization No information available
Mutagenic Effects No information available
Reproductive Effects No information available
Developmental Effects No information available
Target Organisms No information available

Other Adverse Effects The toxicological properties have not been fully investigated. See actual entry

in RTECS for complete information as known.

Endocrine Disruptor Information None Known

Section 12 - Ecological Information

Toxicity:

Ecotoxicity Effects Contains no substances known to be hazardous to the environment or that are

not degradable in waste water treatment plants.

Persistence and Degradability

Bioaccumulative Potential

Mobility in Soil

Results of PBT & PvB Assessment

Other adverse Effects

No information available

No information available

No information available

Section 13 - Disposal Considerations

Waste Treatment Methods } Dispose of in accordance with local regulations

Waste from residues }
Unused products }

Contaminated Packaging Empty containers should be washed out and taken for local recycling, recovery

or waste disposal

Section 14 – Transport Information

IMDG/IMO Not regulated ADR Not regulated IATA Not regulated

Section 15 - Regulatory Information

Safety, health & environmental regulations/legislation specific for the substance or mixture International Inventories:

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Lanthanum	233-	-	-	Х	Χ	-	Х	Х	Х	Χ	KE-
Chloride	237-5										21827X
Anhydrous											

Legend:

TSCA United States Toxic Substances Control Act 8(b) Inventory

EINECS/ELINCS European Inventory lists

DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances list

PICCS Philippines Inventory of Chemicals & Chemical Substances

ENCS Japan Existing & New Chemical Substances

CHINA China Inventory of Existing Chemical Substances

AICS Inventory of Chemical Substances

KECL: Existing & Evaluated Chemical Substances

Hazard Symbols: Xi

Risk Phrases:

R36/37/38 Irritating to eyes, respiratory system and skin

Safety Phrases:

S24/25 Avoid contact with skin and eyes

Section 16 - Other Information

Revision date: 8th June 2011

Revision Summary: -

This safety data sheet complies with the requirements of regulation (EC) No. 1907/2006

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