

MATERIAL SAFETY DATA SHEET

Section 1 General information

Product Name: CLEAR SCALE

Product Use: Descaling

Issue Date: 27 / 07 / 2017

Manufacturer/supplier identification: Integrate Chem and Service Co.,Ltd.

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Section 2 Composition and information on ingredient

Component	CAS #	Weight %
Phosphoric acid	7664-38-2	5 – 10
Nitric acid	7697-37-2	5 – 10
Ethylenediaminetetraacetic acid	6381-92-6	1 - 5

Section 3 Hazardous identification

Skin: Causes severe skin burns and eye damage

Inhalation: Harmful if inhaled. Ingestion: Harmful if swallowed

May be corrosive to metals. Wash face, hands and any exposed skin thoroughly after handling.

Section 4 – First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

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

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5 Fire Fighting Measures

Flash Point Does not flash

Method Not applicable

NFPA Health 3

Flammability 1 Instability 0

Section 6 Accidental Release Measures

Personal Precautions: Use PPE and prevent future leakage

Spill Clean: soak up with sand or sawdust

Environment Precaution: Prevent product contaminate and entering sewage and drainage system

Section 7 Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists.

Wash thoroughly after handling.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Protect from freezing. Keep out of the reach of children.

Section 8 Exposure Control and Personal Protection

Eye/Face Protection: safety goggles, Face-shield.

Skin Protection: Wear suitable protective clothing, gloves.

Respiratory Protection: In case of inadequate ventilation wear respiratory protection.

Section 9 Physical and Chemical Properties

Boiling point (°C)	: 105	Specific gravity (H ₂ O=1): 1.07
Vapor Pressure(mmHg):	25	Color: Clear Liquid
pH @ 100%:	< 2	H ₂ O Solubility: Complete

Section 10 Salability and Reactivity

Chemical Stability Stable: Hazardous polymerization does not occur.

Incompatible Products: Strong oxidizing agents, Reducing agents

Section 11 Toxicological information

ORL-rat LD₅₀: 600 mg/kg ORL-rabbit LD₅₀: 750 mg/kg

Section 12 Ecological information

Ecotoxicity Not available.

Biodegradable/OECD Not available

Section 13 Disposal considerations

Waste Information Waste must be disposed of in accordance with federal state and local environmental control regulations.

Section 14 Transport information

DOT

Proper Shipping Name phosphoric acid solution

Hazard Class 8

UN-No UN1789

Description UN1789, phosphoric acid solution

Section 15 Regulatory information

Inventories

TSCA Complies DSL Complies

Section 16 Other information

Issuing Date 27/07/2017

Reason for Revision No information available.

Glossary No information available.

List of References. No information available