

SAFETY DATA SHEET

OVEN RINSE

Infosafe No.: MU3JH
ISSUED Date : 22/02/2017
ISSUED by: INTEGRA INDUSTRIES LTD

NOT CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

OVEN RINSE

Product Code

2992910, 2993480

Company Name

INTEGRA INDUSTRIES LTD

Address

23 Grosvenor Street Kensington
Dunedin 9011 NEW ZEALAND

Telephone/Fax Number

Tel: +64 3 4556805

Emergency phone number

0800 764 766

E-mail Address

info@integraindustries.co.nz

Recommended use of the chemical and restrictions on use

Oven rinse for combi-ovens

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Signal Word (s)

WARNING

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Benzyl-C12-18-alkyldimethyl ammonium chloride	68391-01-5	0.25%
Non Ionic Surfactants	N/A	Not spec
Food red dye	N/A	Not spec
Water	7732-18-5	Remainder
Phosphoric acid, solid	7664-38-2	<1%

4. FIRST-AID MEASURES

Inhalation

- o If fumes or combustion products are inhaled remove from contaminated area.
- o Lay patient down. Keep warm and rested.
- o Protheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- o Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. oPerform CPR if necessary.

Ingestion

- o If swallowed do NOT induce vomiting.
- o If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- o Observe the patient carefully.
- o Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

Skin

- o If skin contact occurs:
- o Immediately remove all contaminated clothing, including footwear.
- o Flush skin and hair with running water (and soap if available).
- o Seek medical attention in event of irritation.

Eye contact

- o If this product comes in contact with the eyes:
- o Immediately hold eyelids apart and flush the eye continuously with running water.
- o Ensure complete irrigation of the eye by keeping eye lids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- o Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- o Transport to hospital or doctor without delay.

Advice to Doctor

- Treat symptomatically
- This product contains less phosphoric acid than cola style drinks, but does contain wetting agents that are liable to foam if the patient vomits. Treat symptomatically, any symptoms are expected to be very mild or slight.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Product contains a substantial proportion of water therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.

Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.

In such an event consider:

- o foam.

Hazards from Combustion Products

- o The material is not readily combustible under normal conditions.
 - o However, it will breakdown under fire conditions and the organic component may burn.
 - o Not considered to be a significant fire risk.
 - o Heat may cause expansion or decomposition with violent rupture of containers.
- Decomposes on heating and produces toxic fumes of: carbon dioxide (CO₂), hydrogen chloride, phosgene, nitrogen oxides(NO_x), other pyrolysis products typical of burning organic material.
- May emit poisonous fumes
May emit corrosive fumes

Hazchem Code

None allocated

Decomposition Temperature

Not available

Other Information

FIRE INCOMPATIBILITY

-None known

PERSONAL PROTECTIVE EQUIPMENT

Glasses: Chemical goggles

gloves: PVC chemical resistant type

Respirator: TypeAB-P Filter of sufficient capacity

6. ACCIDENTAL RELEASE MEASURES

Methods And Materials For Containment And Cleaning Up

- o Clean up all spills immediately.
- o Avoid breathing vapours and contact with skin and eyes.
- o Control personal contact by using protective equipment.
- o Contain and absorb spill with sand, earth, inert material or vermiculite.

Personal Protection

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling

- o DO NOT allow clothing wet with material to stay in contact with skin.
- o Avoid all personal contact, including inhalation.
- o Wear protective clothing when risk of exposure occurs.
- o Use in a well-ventilated area.
- o Prevent concentration in hollows and sumps.

Storage Regulations

STORAGE REQUIREMENTS

- o Store in original containers.
- o Keep containers securely sealed.
- o Store in a cool, dry, well-ventilated area.
- o Store away from incompatible materials and foodstuff containers.

Recommended Materials

SUITABLE CONTAINER

- o Polyethylene or polypropylene container.
- o Packing as recommended by manufacturer.
- o Check all containers are clearly labeled and free from leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Source	Material	TWAmg/m ³	
New Zealand Workplace Exposure Standards (WES)	Phosphoric acid, solid		1

The following materials had no OELs on our records

Benzyl-C12-18-alkyldimethylammonium chloride CAS: 68391-01-5 CAS: 53516-76-0 CAS: 73049-75-9

Water: CAS: 7732-18-5

Appropriate Engineering Controls

Local exhaust ventilation usually required. If risk of overexposure exists, wear approved respirator.

Personal Protective Equipment

RESPIRATOR

Type AB-P Filter of sufficient capacity

EYE

- o Safety glasses with side shields.

- o Chemical goggles.

- o Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and absorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDCNIOSH Current Intelligence Bulletin 59].

HANDS / FEET

- o Wear chemical protective gloves, eg. PVC.

- o Wear safety footwear or safety gumboots, eg. Rubber.

- o Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:

- o frequency and duration of contact,

- o chemical resistance of glove material,

- o glove thickness and

- o dexterity.

OTHER

- o Overalls.

- o P.V.C. apron.

- o Barrier cream.

- o Skin cleansing cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Clear red free flowing liquid; mixes with water

Colour

Red

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

Not available

Solubility in Water

Miscible

pH

pH(1% solution): Not available

pH(As supplied): >2.0

Vapour Pressure

Not Available

Vapour Density (Air=1)

Not Available

Evaporation Rate

Not Available

Viscosity

Not available

Volatile Component

Not available

Flash Point

Not available

Auto-Ignition Temperature

Not available

Explosion Limit - Upper

Not available

Explosion Limit - Lower

Not available

10. STABILITY AND REACTIVITY

Chemical Stability

Product is considered stable

Incompatible materials

For incompatible materials - refer to Section 7 - Handling and Storage.

Hazardous Polymerization

Hazardous polymerization will not occur.

Other Information

CONDITIONS CONTRIBUTING TO INSTABILITY

o Presence of incompatible materials.

11. TOXICOLOGICAL INFORMATION

Ingestion

- Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Skin

Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions.

Eye

- Limited evidence exists, or practical experience suggests, that the material may cause eye irritation in a substantial number of individuals and/or is expected to produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals. Repeated or prolonged eye contact may cause inflammation characterized by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur.

Chronic Effects

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems

Other Information

TOXICITY AND IRRITATION

- Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredient	Persistence:		Persistence: Air	Bioaccumulation	Mobility
	Water/Soil				
Phosphoric acid, solid	HIGH	-	LOW	HIGH	
Water	LOW	-	LOW	HIGH	

Other Information

Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

- o Recycle where possible, otherwise ensure that:
- o Licenced contractors dispose of the product and its container.
- o Disposal occurs at a licenced facility.

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None allocated

Sub.Risk

None allocated

Hazchem Code

None allocated

UN Number (Sea Transport)

None allocated

UN Number (Road Transport)

None allocated

IATA/ICAO Hazard Class

None allocated

IATA/ICAO Packing Group

None allocated

IATA/ICAO Sub Risk

None allocated

IMDG UN No

None allocated

IMDG Hazard Class

None allocated

IMDG Sub. Risk

None allocated

IMDG Pack. Group

None allocated

IMDG Subsidiary Risk

None allocated

IMDG Marine pollutant

No

IMDG EMS

None allocated

15. REGULATORY INFORMATION

National and or International Regulatory Information

Regulations for ingredients

Phosphoric acid, solid(CAS:7664-38-2)is found on the following regulatory lists;

"GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMOIBC Code Chapter17: Summary of minimum requirements", "IMOMARPOL73/78(Annex II)-List of Noxious Liquid Substances Carried in Bulk" ,"International Council of Chemical Associations (ICCA)- High Production Volume List", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals- Classification Data", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Scheduled Toxic Substances", "New Zealand Inventory of Chemicals (NZIoC)", "New Zealand Workplace Exposure Standards (WES)", "OECD Representative List of High Production Volume(HPV) Chemicals"

benzyl-C12-18-alkyldimethyl ammonium chloride(CAS:68391-01-5,53516-76-0,73049-75-9)is found on the following regulatory lists;
"OECD Representative List of High Production Volume (HPV) Chemicals"

water(CAS:7732-18-5) is found on the following regulatory lists;

"IMO IBC Code Chapter18: List of products to which the Code does not apply", "New Zealand Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals"

No data for Cascade Oven Rinse

Other Information

Specific advice on controls required for materials used in New Zealand can be found at <http://www.epa.govt.nz/hazardous-substances/approvals/Pages/default.aspx>.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

22/02/2017

Technical Contact Numbers

24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)

New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)

New Zealand Emergency Services: 111

Other Information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since INTEGRA INDUSTRIES LTD cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their INTEGRA INDUSTRIES representative or INTEGRA INDUSTRIES LTD at the contact details on page 1.

INTEGRA INDUSTRIES LTD's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request

END OF SDS

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