

SAFETY DATA SHEET

BEER LINE CLEANER

Infosafe No.: MU3JD
ISSUED Date : 11/11/2016
ISSUED by: INTEGRA INDUSTRIES LTD

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

BEER LINE CLEANER

Product Code

2110500, 2110600, 7107920

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

Cleaning beerlines, floor scrubbing.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

6.1D (Oral) - Substance that is acutely toxic

6.1E (Dermal) - Substance that is acutely toxic

8.1A Substance that is corrosive to metals

8.2B Substance that is corrosive to dermal tissue

8.3A Substance that is corrosive to ocular tissue

9.1D Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action

Hazard Statement (s)

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H313 May be harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

Precautionary statement – General

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Pictogram (s)

Corrosion, Exclamation mark



Precautionary statement – Prevention

- P234 Keep only in original container.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P321 Specific treatment (see on this label).
- P363 Wash contaminated clothing before reuse.
- P390 Absorb spillage to prevent material damage.

Precautionary statement – Storage

- P405 Store locked up.

Precautionary statement – Disposal

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Sodium Hydroxide	1310-73-2	10 - 30%
Sodium hypochlorite	7681-52-9	1 - 10%
Water	7732-18-5	Remainder

4. FIRST-AID MEASURES

First Aid Measures

24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)
New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)
New Zealand Emergency Services: 111

Inhalation

If inhaled, remove from contaminated area. Lay patient down and keep warm and rested. Apply artificial respiration if not breathing.

Ingestion

For advice, contact the National Poisons Centre at 0800 764 766 (0800 POISON) or +64 3 479 7248 or a doctor (at once). If swallowed, do NOT induce vomiting. Seek urgent medical attention.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with large amounts of running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor. Seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush continuously with running water. Ensure complete irrigation by keeping eyelids apart and away from eye and moving eyelids. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes. Seek medical attention urgently.

First Aid Facilities

Eye wash facilities and safety shower should be available.

Advice to Doctor

1. Most Important Symptoms and Effects, Both Acute and Delayed:

Direct contact with the eye can cause severe ocular burns. Inhalation of vapour or aerosols (mists, fumes) can be extremely irritating to the respiratory tract. Ingestion can cause burns to the oral cavity and gastrointestinal tract.

2. Immediate Medical Attention and Special Treatment Needed

Treat symptomatically for exposure to highly alkaline materials.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media for surrounding fire.

Specific Hazards Arising From The Chemical

Non-combustible, however containers may burn. May emit corrosive fumes.

Hazchem Code

2X

Decomposition Temperature

Not available

Other Information

Advice for Firefighters:

No known fire incompatibility. Wear gas tight chemical resistant suit.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Clean up spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact by using protective equipment.

Methods And Materials For Containment And Cleaning Up

Contain spillage then cover / absorb spill with non-combustible absorbent material (soil, sand, vermiculite or other inert material). Collect and place into clearly labelled, suitable containers for disposal.

Environmental Precautions

Avoid contamination of drains and waterways

Other Information

Reference to Other Sections:

See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

DO NOT allow clothing wet with material to stay in contact with skin. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Do not smoke or use near naked lights, heat or ignition sources.

WARNING: To avoid violent reaction, ALWAYS add material to water and NEVER water to material.

Conditions for safe storage, including any incompatibilities

Container:

Packing as recommended by manufacturer. Lined metal can, lined metal pail/ can. Plastic pail. Polyliner drum.

For low viscosity materials, drums and jerricans must be of the non-removable head type. Where a can is to be used as an inner package, the can must have a screwed enclosure

Storage:

Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. DO NOT store near acids, or oxidising agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Source

New Zealand Workplace Standards (WES)

Material	TWA	STEL	Peak
sodium hydroxide	-	-	2
sodium hypochlorite	0.5ppm,1.5mg/m3		1ppm,2.9 mg/m3

Appropriate Engineering Controls

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances.

Personal Protective Equipment

Eye / Face:

Safety glasses with unperforated side shields or chemical goggles.

Hands:

Chemical resistant gloves

Body:

Safety footwear. Overalls worn on outside of boots.

Respiratory:

Type B-P Filter of sufficient capacity.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Liquid
Colour	Clear, colourless	Decomposition Temperature	Not available
Melting Point	Not available	Boiling Point	Not available
Solubility in Water	Miscible	Specific Gravity	1.130
pH	pH (1% solution): Not available pH (as supplied): >12	Vapour Pressure	Not available
Vapour Density (Air=1)	Not available	Evaporation Rate	Not available
Viscosity	Not available	Volatile Component	Not available
Flash Point	Not applicable	Auto-Ignition Temperature	Not applicable
Explosion Limit - Upper	Not applicable	Explosion Limit - Lower	Not applicable
Molecular Weight	Not applicable		

10. STABILITY AND REACTIVITY

Reactivity

Reacts violently with acids. Reacts exothermically on dilution with water

Chemical Stability

Considered stable under normal conditions of use.

Conditions to Avoid

Contact with acids, oxidising agents, foodstuffs, naked lights, heat or ignition sources.

Incompatible materials

Acids and oxidising agents.

Hazardous Decomposition Products

None known.

Possibility of hazardous reactions

Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion

The material can cause severe chemical burns within the oral cavity and gastrointestinal tract following ingestion.

Inhalation

The material can cause irritation of the respiratory system.

Skin

The material can cause severe skin irritation. May cause burns.

Eye

The material can cause severe chemical burns to the eye following direct contact. Vapours or mists may be extremely irritating.

Chronic Effects

-Repeated or prolonged exposure to corrosives may result in the erosion of teeth, inflammatory and ulcerative changes in the

mouth and necrosis (rarely) of the jaw. Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. -Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

Other Information

Toxicity data:

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

Avoid contamination of waterways. Harmful to aquatic organisms.

Persistence and degradability

Low

Mobility

High

Bioaccumulative Potential

Low

Other Adverse Effects

No further information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

This material and its container must be disposed of as hazardous waste.

Local Legislation

Recycle where possible otherwise ensure that:

- Licenced contractors dispose of the product and its container.
- Disposal occurs at a licenced facility.

14. TRANSPORT INFORMATION

U.N. Number

3266

UN proper shipping name

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

Transport hazard class(es)

8

Sub.Risk

None

Packing Group

II

Hazchem Code

2X

IERG Number

37

UN Number (Sea Transport)

3266

UN Number (Road Transport)

3266

UN Number (Air Transport, ICAO)

3266

IATA/ICAO Hazard Class

8

IATA/ICAO Packing Group

II

IATA/ICAO Sub Risk

None

LIMITED QUANTITY - Max Net Quantity/Pkge

1L

IMDG UN No

3266

IMDG Hazard Class

8

IMDG Sub. Risk

None

IMDG Pack. Group

II

IMDG Subsidiary Risk

None

IMDG Marine pollutant

No

IMDG EMS

Fire: F-A, Spill: S-B

15. REGULATORY INFORMATION

National and or International Regulatory Information

This substance should be managed in accordance with the requirements specified in the Cleaning Toxic (6.1), Corrosive Group Standard 2006.

Approval Number:

Regulations:

sodium hydroxide (CAS: 1310-73-2) is found on the following regulatory lists;

"CODEX General Standard for Food Additives (GSFA) - Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP", "GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMO IBC Code Chapter 17: Summary of minimum requirements", "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".

sodium hypochlorite (CAS: 7681-52-9,10022-70-5) is found on the following regulatory lists;

"GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMO IBC Code Chapter 17: Summary of minimum requirements", "International Council of Chemical Associations (ICCA) - High Production Volume List", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)", "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 Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals".

sodium chloride (CAS: 7647-14-5) is found on the following regulatory lists;

"New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)", "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 - Veterinary Medicines", "New Zealand Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals".

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

"IMO IBC Code Chapter 18: 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".

HSNO Approval Number

HSR002595

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

11/11/2016

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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