

# Integra Industries Limited

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## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

Product Name	: Commercial Bleach 5%	UN Number	: 3266
IMDG Description	: Corrosive Liquid Basic Inorganic N.O.S.	Dangerous Goods Class	: 8
IMDG Page	: 8147-1	Hazchem Code	: 2R
IMCO Class	: 8	Toxic Substances Schedule	: Harmful Substance

### PHYSICAL DESCRIPTION/PROPERTIES:

Appearance	: Light yellow liquid	Specific Gravity at 20°C	: 1.14
Boiling Point (°C)	: 100°C	Melting Point °C	: N/A
pH	:	Solubility in Water	: Miscible
Flash Point (°C)	: N/A	Other	:

### HAZARDOUS INGREDIENTS:

<u>Chemical Identity</u>	<u>C.A.S. No.</u>	<u>T.L.V.</u>	<u>Proportion (%)</u>
Sodium Hypochlorite(13.5%w/w)	7681-52-9	Not Available	35-40
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup> (TWA)	1-5

### HEALTH HAZARD INFORMATION

HEALTH EFFECTS (including data on both short term and long term exposures)

#### ACUTE:

SWALLOWED :	This product is corrosive to all body tissue both internally and externally. Ingestion will cause severe pain, vomiting, diarrhoea and collapse.
EYES	: May cause conjunctivitis and corneal burns which can lead to permanent injury or possible loss of sight.
SKIN	: Corrosive to skin. Penetration is slow so extent of damage depends on duration of contact.
INHALED	: Inhalation of mist can result in corrosive damage to internal body tissue.

CHRONIC: Information not available.

**PRODUCT NAME:** Commercial Bleach 5%

**FIRST AID:**

**SWALLOWED** : Immediately rinse mouth with water. Give a glass of water or milk to drink. Do NOT induce vomiting. Seek urgent medical attention.

**EYES** : Hold eye(s) open. Remove contact lenses if worn. Irrigate eye(s) with running water for at least 15 minutes. Seek urgent medical attention.

**SKIN** : Immediately wash area affected with running water for at least 15 minutes. Remove contaminated clothing and launder in the normal manner. Seek urgent medical attention.

**INHALED** : Remove to a well-ventilated area. Seek urgent medical attention.

**ADVICE TO DOCTOR (emergency treatment)**

Treat symptomatically and for strong alkaline corrosive material.

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**PRECAUTIONS FOR USE**

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**VENTILATION** : Not considered necessary if used with due care and adherence to normal safety practices.

**PERSONAL PROTECTION** : It is recommended that P.V.C. gloves, eye protection and protective clothing be worn when handling bulk product.

**FLAMMABILITY** : Not flammable

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**SAFE HANDLING INFORMATION**

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**STORAGE AND TRANSPORT** : Keep in a dry, cool and secure area. Keep out of reach of children.

**SPILLS AND DISPOSALS** : Absorb with sand or earth. Contain in plastic drums for proper disposal at an approved disposal facility

**FIRE/EXPLOSION/HAZARD** : When heated emits toxic chlorine fumes. Will react vigorously with oxidising materials and acids to produce toxic fumes.

**REACTION WITH OTHER CHEMICALS** : Do not mix with other chemicals.