

RESTOREX MATERIAL SAFETY DATA SHEET
SECTION 1 - PRODUCT SOURCE AND IDENTITY

Supplier Identity and Address	Product Description:	Date: March 31st 2018
Clear Glass Solutions HB Ltd	Name: Restorex	
16 Rata Street, Taradale	Purpose: Heavy Duty Cleaner	
Napier 4112, N.Z	Proprietary Formula Code:HCBF	

SECTION 2 – SHIPPING CLASSIFICATION

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number

Non regulated per 49 CFR 173.120 (a) (3) for domestic land, sea or air shipment.

Non regulated per IATA 3.3.1.3 (a) or (b) or (c)

Labels required per 49 CFR 172.101:	None
Size for "Limited Quantity" per 49 CFR 173.150.155:	Not applicable
Reportable Quantity ("RQ") per 49 CFR 172.101:	None or not possible in one non-bulk package

SECTION 3 – SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200

CAS#	313	Material or Component	Max %	RQ#	Exposure Limit Values	
					TWA	STEL

Mixture fatty acid soaps and earth

No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2005" from ACGIH except as noted above. Components listed in Title III SEC 313 (EPCRA) are indicated by "Yes" above.

Notice: HMIS and NFPA ratings involve the subjective evaluation of the hazardous aspects of individual components, and can differ between preparers. They are intended and useful only as a rapid, general identification of the approximate magnitude of the specific hazards rated.

Emergency overview: Water based abrasive cleaner. Keep out of eyes and off skin.

Keep containers closed. Use standard industrial good practices.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49CFR 171.8.
Immediate	Yes	Yes	No	No	OSHA 29 CFR 1910.1200 and
Delayed	No	No	No	No	SARA 302/311/312/313.

HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other N/A

NFPA Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.

Threshold limit value: Not established on product.

TOSCA Status: All ingredients listed | CERCLA RQ: See Sec 2.

California Prop. 65: None | Ingredients on cancer lists: None

Reproductive Implications: None

SECTION 4 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown, viscous liquid	Flash point deg. F (cc):	None
Odor:	Slight fatty	Initial boiling point deg.C:	N/A
Specific Gravity:	< 1	Vapour pressure 20 deg C:	N/A
pH Reaction:	4-6	Freezing point deg. C:	N/A
% phosphorous:	None	Solubility in water:	100%
VOC Content:	None		
California Rule 102 (66):	Contains no photochemically active materials.		

*See exemptions listed in Sec. 2.

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SECTION 5 – HANDLING AND STORAGE

General : | Water based polishing cleaner. Keep out of eyes and off skin. Use standard industrial good practices. Keep containers closed when not in use.

Protective Equipment: |

Eyes: | Chemical splash goggles should be worn if there is possibility of eye contact.

Skin: | Impermeable gloves, boots, shirt and pants such as rubber are recommended.

Respiratory protection: | None normally required. If risk of inhalation occurs, select and use equipment according to OSHA / NIOSH guidelines for nuisance mists.

Ventilation: | None normally required.

Other: | None

SECTION 6 – HEALTH AND SAFETY DATA

Effects of acute or chronic over exposure |

Eyes | Irritating to eyes. No chronic effects known.

Skin | Can cause irritation from repeated exposure and de-fatting skin.

Inhalation | Mists may be irritating to breathing passages.

Ingestion | Not a likely source of chronic exposure.

SECTION 7 – PHYSICAL STABILITY AND REACTIVITY DATA

Explosive limits		Flash Point:	See Sec 4
Lower ND	Upper ND	Conditions to avoid:	Freezing
Chemical Stability	Stable	Hazardous decomposition products:	None known
Hazardous Polymerization	Cannot occur	Incompatibility:	Oxidising agents

SECTION 8 – EMERGENCY RESPONSE PROCEDURES

Fire | Extinguishing media | Does not support combustion as supplied.

| Special Procedures | Cool containers with water spray if it can be done safely.

| Unusual Hazards | None known.

First Aid | Eyes | Flush with water for at least 15 min. Seek medical attention. See Sec.6.

| Skin | Wash exposed skin with soap and water until gone. Remove affected clothes, rinse off product and wash clothes before reuse.

| Inhalation | If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.

| Ingestion | Dilute by giving large amounts of milk or water. Get medical attention immediately. Do NOT induce vomiting.

Spills | Small / large spill | Small amounts may be flushed to drain. Comply with federal State and Local regulations on reporting spills. Keep out of waterways and storm sewers.

Product as made has the characteristic of ignitability, like " Unlisted Hazardous Waste D001", RQ100#
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