



MATERIAL SAFETY DATA SHEET

UNIVERSEAL FEEL SAFE PERMANENT ANTI-SLIP SOLUTION

Section I – Product Identity

Product Name	Universeal Feel Safe
Product Type	Anti-Slip Treatment
Prepared By	Universeal Product Agencies Ltd.
Date Issued	18/3/2008

Section II – Hazardous Components/Composition Information

Ingredients	CAS NO.	WT%	HEALTH	RISK
Ammonium Bifluoride	1341-49-7	1-10	Xi	36/38
Hydrochloric Acid	68989-03-7	1-10	Xi	37

Section III - Hazards Identification

Human Health Hazards	Irritant to eyes and skin
Environmental Hazards	Irritant to eyes and skin

Section IV - FIRST AID MEASURES

Eyes	Rinse immediately with plenty of water and seek medical advice
Ingestion	Do not induce vomiting. Drink plenty of water or milk
Skin	Remove all contaminated clothing. Wash immediately with plenty of water. If irritation persists seek medical advice
Inhalation	Remove to fresh air. If breathing problems occur seek medical advice

Section V - FIRE FIGHTING MEASURES

Extinguisher	Water spray, dry chemical or alcohol foam
Unsuitable Extinguisher	
Hazards	
Protective Equipment	As for personal protection

Section VI - ACCIDENTAL RELEASE MEASURES

Spillage Cleanup	Wash away to drain with plenty of water. Contain and absorb with sand or earth
Personal Precautions	As for 'exposure controls - personal protection'
Environmental	For large spillages collect for disposal. Inform local authorities for advice

Section VII - HANDLING AND STORAGE

Handling	As for 'exposure controls - personal protection'.
Storage	Store in original containers under dry conditions. Avoid extremes of temperature.

Section VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Control	OES-LTEL = nd OES - STEL = nd
Respiratory	No special requirements. Good ventilation is normally sufficient
Skin	Rubber or PVC gloves
Eyes	Eye goggles or a face shield

Section IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance	clear liquid
Odour	acidic
Ph (1% Solution)	1-2
Boiling Point (C)	100
Melting Point (C)	N/A
Explosive Properties	N/A
Auto Ignition Temp	N/A
Flash Point (C)	N/A
Specific Gravity	1.02
VISCOSITY (cPc)	1-10
Solubility In Water	soluble

Section X - STABILITY AND REACTIVITY

Stability	stable
Materials To Avoid	alkalies bleaches peroxides.
Conditions To Avoid	high temperatures
Hazardous Decomposition Products	irritating gas

Section XI - TOXICOLOGICAL INFORMATION

Eyes	Irritation leading to burns. May cause blindness
Skin	Irritation leading to burns. Possible dermatitis
Ingestion	Concentrate may cause burning of the throat and possible damage to internal organs
Inhalation	Mist may cause coughing choking and respiratory difficulties
Other	Health problems are greatly reduced when product is diluted and used as directed

Section XII - ECOLOGICAL INFORMATION

Mobility	Mobile
Degradability	All surfactants are readily degradable
Bio-Accumulation Aquatic Toxicity	Not determined

Section XIII - DISPOSAL

Materials	Dilute small spill with plenty of water. Neutralise with lime or soda ash. Contain and absorb with sand or earth
Packaging	Can be recycled after thorough rinsing
Other	Dispose of any hazardous waste in accordance with waste disposal or water authority regulations

Section XIV - TRANSPORT INFORMATION

UN No.	1789
ADR/RID	8 corrosive
HAZCHEM Code	2R
IMDG Class	8 corrosive
IMDG Page	8183

Section XV - REGULATORY INFORMATION

Classification	Irritant
Risk Phrases	irritating to eyes and skin.
Safety Phrases	S2 keep out of reach of children. Do not spray mist. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S36/37/39 Wear suitable protective clothing gloves and eye face protection.
Other Info	

Section XVI - OTHER INFORMATION

Read the label before opening the container.
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