

ALVIRON SDN BHD

MATERIAL SAFETY DATA SHEET

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SECTION 1 : PRODUCT IDENTIFICATION

Product Name Heavy Duty Hand Cleanser
Use Hand Cleanser for Greasy and Dirty Hands
CAS Number Mixture

SECTION 2 : COMPOSITION AND INFORMATION ON INGREDIENTS

Components	Weight, %	CAS No.
Pumice	20.0 – 80.0	1332-09-8
Alkyl Alcohol Ethoxylate	3.0 – 30.0	68002-97-1
Glycerine	0.0 – 10.0	56-81-5
Orange Terpenes	0.0 – 5.0	5889-27-5
Cocamide Diethanolamine	0.0 – 8.0	68603-42-9
Cocamidopropyl Betaine	0.0 – 8.0	61789-40-0
Boric Acid	0.0 – 1.0	10043-35-3
Citric Acid	0.0 – 1.0	77-92-9
Sodium Tripolyphosphate	0.0 – 1.0	7758-29-4
Ethylenediamine Tetraacetic Acid	0.0 – 1.0	6381-92-6
Color Dye	0.0 – 1.0	
Fragrance	0.0 – 1.0	
Preservative	0.0 – 1.0	
Water	Balance	

SECTION 3 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste Powder
Odor and Appearance	Pleasant Citrus Odor, Apple Green Paste
Solubility	Miscible with water
Flammability	Incombustible
pH	6.5 – 7.5

SECTION 4 : HAZARD IDENTIFICATION

Classification	The material contains no substances which at their given concentration are considered to be hazardous to health.
Emergency Overview	No particular hazards known.
Eye Contact	May cause irritation to the eyes, with effects including tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.
Skin Contact	May cause irritation to very sensitive skin.
Ingestion	May cause irritation to mouth, throat and stomach with effects including build up, irritation to the tongue and lips.
Inhalation	Prolonged inhalation may cause irritation and respiratory tract discomfort.

SECTION 5 : FIRST AID MEASURES

Eyes Contact	Immediately flush eyes with large quantities of water for at least 15 minutes, periodically lifting upper and lower lids to ensure washing of entire surface. Get medication attention if irritation persist.
Skin Contact	Not normally a source of irritation. However, get medication attention if irritation persist.
Ingestion	Do not induce vomiting. If victim is conscious, give large quantities of water. Never give anything by mouth to an unconscious person. If vomiting occur spontaneously, keep head below hips to prevent aspiration. Get medication attention if sickness persists.
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air.

First Aid Facilities	Eye wash fountain, safety shower and normal washroom facilities.
Notes to Physician	Treat symptomatically.

SECTION 6 : FIRE-FIGHTING MEASURES

Extinguishing Media	Dry chemical, foam, carbon dioxide, water spray or fog.
Unsuitable Extinguishing Media	None
Specific Hazards Arising from Chemical	None
Fire Fighting Procedure	Fire fighters to wear self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to materials of decomposition. Full protective clothing is also recommended.

SECTION 7 : ACCIDENTAL RELEASE MEASURES
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Personal Precautions	Avoid contact with eyes.
Method of Containment	Prevent further leakage or spillage if safe to do so.
Method of Cleaning up	Shovel material into appropriate container for later disposal.

SECTION 8 : HANDLING AND STORAGE

Personal Protective Equipment

Eye/ Face Protection	None required under normal usage. Risk of contact, wear Goggles.
Skin and Body Protection	None required under normal usage. Repeated or prolonged contact, wear protective gloves or clothing.
Respiratory Protection	None required under normal usage. If exposure limit are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
Storage/Shipping Requirement	Store in cool, dry, well-ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Keep containers tightly closed with not in use.

SECTION 9 : EXPOSURE CONTROLS / PERSONAL PROTECTION
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Control Parameters

Exposure Guidelines	This material does not contain any hazardous materials.
General Ventilation	Recommended
Eye Protection	Safety glasses
Flammability	Incombustible

Appropriate Engineering Controls

Engineering Measure	Eyewash stations.
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SECTION 10 : STABILITY AND REACTIVITY
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Reactivity	Not reactive under normal condition
Chemical Stability	Stable under recommend storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to Avoid	Incompatible materials and high temperature storage.
Incompatible Materials	Decompose on heating emitting oxides of carbon and other decomposition materials.

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute toxicity	Not determined
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SECTION 12 : ECOLOGICAL INFORMATION
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No information available

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal Methods	This material, as supplied, is not hazardous waste. This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical conditions are made to this material, or if the material is processed or others altered. Consult the appropriate federal, states, and local regulations for additional requirements.
Contaminated Packaging	Do not re-use empty containers.

SECTION 14 : TRANSPORT INFORMATION

Transport Regulation	This material is considered no dangerous goods under the transport regulations.
Proper Shipping Name	None allocated
Hazard Technical Name	Not available
Hazard Class	Not available

SECTION 15 : REGULATORY INFORMATION

EC LABELING	This material is not subject to the labeling requirements.
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SECTION 16 : OTHER INFORMATION

PREPARED BY	Alvion Sdn Bhd
ISSUING DATE	7 September 2016
REVISION DATE	Not available
REVISION NOTE	Not available
GENERAL DISCLAIMER	The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and it not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may to be valid for such material used in combination with any other material or in any process, unless specified in the text.

*** END of Material Safety Data Sheet ***