



Health	1
Fire	0
Reactivity	0
Personal Protection	E

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: AMIGO 1	Distributor: LAGI COMESTICS COMPANY
Description: Heavy Duty Degreaser	Address: No. 1, Street 102, Tang Nhon Phu A Ward, District 9, HCMC, Vietnam
Date of MSDS: MAR 2014	Tel: 84 8 6280 5112

SECTION 2 – INFORMATION ON INGREDIENTS

Chemical Name/ Common Name	%	TLV	Chemical Name/ Common Name	%	TLV
Sodium metasilicate	<2	2.0 mg/m ³	Potassium hydroxide	<2	2.0 mg/m ³
Non – hazardous ingredients	To 100		Alcohol	<5	50 ppm

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview: Ingestion may cause nausea, vomiting, pain, upset stomach, diarrhea, may cause eye irritation, do not swallow. See sections 3,5 and 6.

Primary Routes of Exposure: Skin and eyes

Eye Contact: May cause reddening of eyes and intense irritation

Skin Contact: Incidental contact will cause irritation

Inhalation: Exposure is unlikely

Ingestion: Exposure is unlikely. May cause nausea, vomiting, pain, and stomach upset

Target Organs/ Chronic Effects: None known

Conditions Aggravated By Exposure: Exposure to this product is not expected to contribute, worsen or

aggravate any pre – existing medical conditions.

SECTION 4 – FIRST AID MEASURES

Eye contact: Flush with cool water for at least 15 minutes. Then consult a physician immediately.

Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.

Ingestion: Induce vomiting. Dilute by drinking water. Call a physician immediately.

Inhalation: Move to area of fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.

Note to Physicians: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

SECTION 5 – FIRE FIGHTING METHODS

Extinguishing Media: Water, dry chemical, carbon dioxide and foam.

Special Fire/ Explosion Hazards: None

Hazardous Decomposition Products: Burning can produce carbon dioxide, carbon monoxide and traces of nitrogen oxides.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Evacuation: No special procedures are usually necessary.

Containment: Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water.

Collection And Disposal: Stop discharge, If safe to do so. Use proper protective equipment. Cover Spills with absorbent clay, sawdust or inert material and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

SECTION 7 – HANDLING AND STORAGE

Storage Conditions: Keep container closed to prevent contamination. Store in cool, dry, well ventilated area at room temperature. Keep away from children

Transfer: No special precautions are needed. Follow good manufacturing and handling practices.

Personal Hygiene: Wash thoroughly after handling, especially before eating and drinking, Wash contaminated goggles, face – shield, and gloves. Launder contaminated clothing before re-use.

Empty Container precautions: Do not re-use empty container for food, clothing or products for human or animal consumption or where skin contact can occur.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

ACGIH- TLV: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.

Engineering Controls/Ventilation: Local exhaust ventilation is recommended when vapours, mist, or dusts can be released.

Respiratory Protection : Normally not required.

Eye Protection: Safety glasses / goggles if splashing is anticipated.

Hand Protection: Rubber / PVC gloves.

Other Protective Clothing: Normal work clothing covering arms and legs.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Fragrancy : Light liquid, Floral

Solubility in water : Complete

Boiling Point: 100⁰C

Specific Gravity: 1.03 – 1.04

PH: 12 – 14

Flash Point (T.C.C): None to boiling Flammable Limits – Upper: Not applicable Lower: Not applicable

Vapour Pressure: Not determined

Vapour Density: Not determined

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Not applicable.

Incompatibility With Other Materials: Strong acid and oxidizing materials.

SECTION 11 – TOXICITY INFORMATION

Components: this product contains sodium metasilicate that may cause irritation to eyes and/or skin. Ingestion of

high amount of product may be fatal.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Fate and Distribution: It is soluble in water and does not bio-accumulate.

Persistence and Degradation: Product degrades readily by reaction of carbon dioxide in the air as well as decomposition by micro-organism.

Toxicity: Concentrations with a PH value of 10.5 or greater especially in fresh water may be fatal to fish and other aquatic organism. Can cause damage to aquatic plants and vegetation.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Dispose off in an approved waste facility according to local regulations.

General Recommendations:

Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework, if feasible (2) Incinerate at an authorized facility (3) Treat at an acceptable waste treatment facility.

SECTION 14 - TRANSPORT INFORMATION

This material is non-regulated and no special requirement is necessary

SECTION 15 – REGULATORY INFORMATION

Classification: This product contains sodium metasilicate and potassium hydroxide as ingredients that are classified as corrosive under EC classification.

Ozone depleting Chemicals: No regulated ingredients.

SECTION 16 – OTHER INFORMATION

Hazard rating: HMIS (Hazardous Materials Information System)

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

0=Minimal, 1=Slight, 2=moderate, 3=Serious, 4=Extreme

NOTICE: MSDS is correct at date of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over-exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied); and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.