

**ABRASIVE HAND SOAP GREEN**

SECTION 1 - IDENTIFICATION	
<b>Product identifier:</b>	ABRASIVE HAND SOAP GREEN
<b>Product code:</b>	
<b>Recommended use:</b>	Waterless hand cleaner.
<b>Chemical name :</b>	Mixture
<b>Chemical group:</b>	Mixture
<b>Supplier identifier:</b>	SAVONS EVY 3460 39e Avenue, Montréal, QC H1A 3V1 514-642-9920
<b>Manufacturer identifier:</b>	SAVONS EVY 3460 39e Avenue, Montréal, QC H1A 3V1 514-642-9920
<b>Emergency phone:</b>	Canutec (613) 996-6666 24 hrs

AS1021  
AS1033

SECTION 2 - HAZARD IDENTIFICATION	
<b>Classification</b>	Flammable liquid 4 Skin irritation 3 Eye irritation 2A Specific target organ toxicity, single exposure; Respiratory tract irritation 3 Specific target organ toxicity, single exposure; Narcotic effect 3 Carcinogenicity 1B
<b>Signal word</b>	DANGER
<b>Hazard statement</b>	H227 Combustible liquid. H316 Causes mild skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H350 May cause cancer.
<b>Precautionary statement - Prevention</b>	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves / protective clothing / eye protection / face protection.
<b>Precautionary statement - Response</b>	P261 Avoid breathing dust / fume / gas / mist / vapours / spray. P271 Use only outdoors or in a well-ventilated area. P370+P378 In case of fire: Use dry chemical powder, CO2, alcohol foam or water spray to extinguish. P303+P361+P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water or shower. P332+P313 If skin irritation occurs: Get medical advice / attention P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
<b>Precautionary statement - Storage</b>	P312 Call a POISON CENTER / doctor if you feel unwell. P308+P313 If exposed or concerned: Get medical advice / attention. P403+P235 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.



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<b>Precautionary statement - Elimination</b>	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
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**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>CAS</b>	<b>% (weight)</b>
Naphtha (petroleum) hydrotreated heavy	64742-48-9	30 – 60 *
Crystalline silica, quartz	14808-60-7	7 – 13 *
Alcohol ethoxylate	68131-39-5	1 – 5 *
Cocamide DEA	68603-42-9	1 – 5 *
Diethanolamine	111-42-2	0.1 – 1.0 *

\*TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

**SECTION 4 - FIRST AID MEASURES**

<b>Inhalation:</b>	IF INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
<b>Skin contact:</b>	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water for 20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing/ jewellery and wash it before reuse.
<b>Eye contact:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion:</b>	NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.
<b>Note au physicien:</b>	Specific treatment: Treat symptomatically.

**SECTION 5 - FIRE-FIGHTING MEASURES**

<b>Suitable extinguishing media:</b>	In case of fire: Use dry chemical powder, CO <sub>2</sub> , alcohol foam or water spray.
<b>Unsuitable extinguishing media:</b>	Direct water jet may disperse material and spread fire. Might cause formation of thick foam.
<b>Hazardous combustion products :</b>	Carbon oxides, nitrogen oxides, silica oxides, acrid smoke.
<b>Protective equipment :</b>	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
<b>Precautions:</b>	Retain water run-off. Avoid entering sewers, waterways or restricted areas.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

<b>Protective equipment:</b>	Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.
<b>Containment and clean up:</b>	Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.
<b>Environmental precautions:</b>	Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

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## SAFETY DATA SHEET

### SECTION 7 - HANDLING AND STORAGE

#### Precautions for safe handling:

Containers must be identified correctly. Handle in a well ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves / protective clothing / eye protection / face protection.

#### Conditions for safe storage:

Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.

#### Incompatible materials:

Strong oxidants, acids.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure limits:

Ingredient	CAS	SOURCE	VALUE
Naphtha (petroleum) hydrotreated heavy	64742-48-9	OSHA	TWA 500 ppm (2000 mg/m <sup>3</sup> )
Crystalline silica, quartz	14808-60-7	OSHA NIOSH	TWA 0.1 mg/m <sup>3</sup> TWA 0.05 mg/m <sup>3</sup>
Alcohol ethoxylate	68131-39-5		No established limits.
Cocamide DEA	68603-42-9		No established limits.
Diethanolamine	111-42-2	OSHA NIOSH	TWA 15 mg/m <sup>3</sup> TWA 15 mg/m <sup>3</sup>

#### Engineering controls:

Local ventilation system is recommended to maintain concentrations of contaminants below exposure limits.

#### Protection of airways:

Respiratory protection is required if concentration are above exposure limits. Use a NIOSH approved autonomous respiratory apparatus if exposure limits are unknown.

#### Protective equipment and clothing:

Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Insure that eyewash stations, showers and cleaning stations are near to work station.

#### General hygiene recommendations :

Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Viscous liquid, green
<b>Odour :</b>	Mild
<b>Odour threshold:</b>	Not available
<b>pH @ 1%:</b>	10.0
<b>Melting point:</b>	Not applicable
<b>Initial boiling point:</b>	100°C
<b>Flash point:</b>	> 63°C
<b>Evaporation rate (butyl acetate = 1):</b>	Not available
<b>Flammability:</b>	Not applicable
<b>LIL:</b>	Not applicable
<b>UIL:</b>	Not applicable
<b>Vapour pressure:</b>	Not available
<b>Vapour density (air=1):</b>	Not available
<b>Relative density:</b>	0.85



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<b>Solubility:</b>	Not soluble
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Stability and reactivity :</b>	Stable under recommended conditions and expected usage.
<b>Polymerisation:</b>	No.
<b>Conditions to avoid :</b>	Contact with incompatible materials.
<b>Incompatible materials :</b>	Strong oxidants, acids.
<b>Hazardous decomposition products :</b>	Carbon oxides, nitrogen oxides, silica oxides.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Toxicological data:				
Hazardous ingredient	CAS	% (weight)	DL <sub>50</sub> (route, species)	CL <sub>50</sub> (species)
Naphtha (petroleum) hydrotreated, heavy	64742-48-9	30 – 60	>5000 mg/kg, oral, rat >3160 mg/kg, dermal, rabbit	>2.5 g/m3, 4h, rat
Crystalline silica, quartz	14808-60-7	7 – 13	>22500 mg/kg, oral, rat	No data
Alcohol ethoxylate	68131-39-5	1 – 5	2000 mg3kg, oral, rat	No data
Cocamide DEA	68603-42-9	1 – 5	No data	No data
Diethanolamine	111-42-2	0.1 – 1.0	710 mg/kg, oral, rat 1220 mg3kg, dermal, rabbit	No data
Short term exposure (acute) :				
Inhalation:	Excessive inhalation may cause irritation of nose, mouth, throat and lungs. May cause drowsiness or dizziness, headaches, loss of consciousness.			
Skin:	May cause slight irritation, dryness, redness.			
Eyes:	Severe damage may occur due to mechanical action of silica. Redness, pain, tearing.			
Ingestion:	Not expected to be harmful upon ingestion of small quantities. Gastric distress, irritation, nausea, vomiting.			
Long term exposure (chronic) :				
Inhalation:	Some individuals may experience increased sensitivity.			
Skin:	Defatting of skin, dryness.			
Eyes:	No data.			
Ingestion:	No data.			
Carcinogenicity (IARC) :	Crystalline silica, quartz	14808-60-7	Group 1: Carcinogenic to humans.	
	Cocamide DEA	68603-42-9	Group 2B: Possibly carcinogenic to humans.	
	Diethanolamine	111-42-2	Group 2B: Possibly carcinogenic to humans.	
Teratogenicity:	Not available			
Mutagenicity:	Not available			
Target organ:	Lungs, liver, kidneys.			
Conditions aggravated by exposure :	Not available			

**SECTION 12 - ECOLOGICAL INFORMATION**

<b>Hazardous ingredient</b>	<b>CAS</b>	<b>% (weight)</b>	<b>Value</b>	<b>Species</b>
Naphtha (petroleum) hydrotreated, heavy	64742-48-9	30 – 60	LC50 2200 mg/L, 96h	Pimephales promelas
Crystalline silica, quartz	14808-60-7	7 – 13	LC50 >10000 mg/L, 72h	Cyprinidae
Cocamide DEA	68603-42-9	1 – 5	LC50 2.4 mg/L, 96h	Oncorhynchus mykiss
			EC50 3.2 mg/L, 48h	Daphnia magna
			ErC50 2.1 mg/L, 72h	Desmodesmus subspicatus
			EC10 29.8 mg/L, 18h	Pseudomonas putida
			NOEC 0.3 mg/L	Desmodesmus subspicatus

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Diethanolamine	111-42-2	0.1 – 1.0	LC50 1200 – 1580 mg/L, 96h LC50 600 - 1000 mg/L, 96h LC50 187 mg/L, 48h EC50 2.1 – 2.3 mg/L, 96h EC50 7.8 mg/L, 72h	Pimephales promelas Lepomis macrochirus Daphnia Pseudokirchneriella subcapitata Desmodesmus subspicatus
<b>Persistence and degradability :</b>		Not available		
<b>Bioaccumulation potential:</b>		Not available		
<b>Mobility in soil:</b>		Not available		
<b>Other adverse effects :</b>		Not available		

**SECTION 13 - DISPOSAL CONSIDERATIONS**

<b>Safe handling for disposal:</b>	Store materials for elimination and contaminated packaging as indicated in Section 7 Handling and Storage.
<b>Methods of disposal :</b>	Dispose contents/containers according to all municipal, provincial and federal regulations.

**SECTION 14 - TRANSPORT INFORMATION**

UN Number	Proper shipping name	Class	Packing group	Placard
Not regulated for transport.				

**SECTION 15 - REGULATORY INFORMATION**

<b>Canadian Environmental Protection Act (CEPA):</b>	Components of this product are listed in the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt.
<b>Others :</b>	Components of this product are listed on the TSCA or are exempt.

**SECTION 16 - OTHER INFORMATION**

<b>Prepared by:</b>	Laboratoire Campeau 61 rue Des Menuisiers, Local 106 Sainte-Anne-Des-Plaines, Qc, J0N1H0
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<b>Abbreviations:</b>	
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CL / LC	Concentration létale /Lethal concentration
DL / LD	Dose létale / Lethal dose
IARC	International Agency for Research on Cancer
LES	Liste extérieure des substances (NDSL)
LIS	Liste intérieure des substances (DSL)
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
SIMDUT	Système d'information sur les matières dangereuses utilisées au travail
STEL	Short-term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USEPA	United States Environmental Protection Agency
WHMIS	Workplace Hazardous Materials Information System

All information indicated in the present document are based on data supplied by recognized technical sources. While the information is believed to be accurate, the manufacturer makes no representations as to its accuracy or sufficiency. Users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.