



SAFETY DATA SHEET (SDS)

Date Revised : 12 / 14
Supersedes : 08 / 12

SOY SHINE
STAINLESS STEEL
SPRAY CLEANER / POLISH

MADE FROM U.S. GROWN SOYBEAN OIL
CLEANS / DEGREASES / POLISHES IN ONE STEP
FOR STAINLESS STEEL + OTHER METALS

SECTION 1 : IDENTIFICATION OF SUBSTANCE / COMPANY

PRODUCT NAME / IDENTIFIER :
PRIMARY APPLICATION / RECOMMENDED USAGE :

“ SOY SHINE ” - Made from U.S. Grown Soy Bean Oil
A Bio-based Alternative Stainless Steel / Metal Polish containing approx . 60 % Soybean Oil which cleans , degreases , and polishes stainless steel , chrome , architectural aluminum to a high gloss in one step . This product removes smudges, soils, and stains quickly without hard rubbing . Soybean oil serves as a surface preservative which actually leaves a buffable protective coating to resist water stains and oxidizing rust .

DISTRIBUTED EXCLUSIVELY BY :

HEALTHY CLEAN BUILDINGS
4 Wilmington Drive
Melville, New York 11747
1-631-643-1882
1-516 - 377 - 7772
Refer to Product Label

INFORMATION TELEPHONE :
EMERGENCY TELEPHONE :
USAGE RESTRICTIONS :

SECTION 2 : HAZARD(S) IDENTIFICATION

While this product is not considered hazardous , this SDS contains valuable information critical to the safe handling and proper use of the product . This SDS should be made available to users of this product . Soybean Oil Acids , Methyl Esters (67762-38-3) are recognized as “Generally Recognized as Safe ” (GRAS) . LOBS (64742 - 47 - 8) is generally recognized to have low acute and chronic toxicity.. Prolonged or repeated skin contact in an occupational setting may result in irritation and in these situations, the use of chemical resistant gloves is recommended. This product is not regarded as a mutagen or carcinogen, and there is low concern for reproductive, developmental, or nervous system toxic effects.

Classification of the substance or mixture (GHS-US) :

Flammable Liquids - Category 4
Aspiration Hazard - Category 1

NOTE : Prolonged contact with skin or eyes may cause minor physical irritation .

Label Elements

Hazard Pictograms
(GHS-US Labeling)



Skin & Eye Irritant



Potential Flammable Liquid / Vapor



Harmful , if Swallowed

Signal Word :

Warning

Hazard Statements :

H226 Flammable Liquid and Vapor 2
H316 : May Cause Mild Skin Irritation .
H320 : May Cause Eye Irritation .

Precautionary Statements :

P101 : If medical advice is required, have product container or label available .
P102 Keep Out of Reach of Children
P103 . Read Label Before Use .



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HAZARD(S) IDENTIFICATION : (continued)

- P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking .
- P264 : In the Event of Direct Contact , Wash Hands and Forearms Thoroughly After Handling .
- P280: Wear protective gloves / protective clothing and / or eye protection .
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician .
- P331: Do NOT induce vomiting .
- P305+P351+P338 – If In Eyes via Direct Contact , Rinse Cautiously with Water for Several Minutes .
If Easy To Do, Remove Contact Lenses .Continue Rinsing
- P337+P313 – If Eye Irritation Persists , Get Medical Advice / Attention .
- R65 - If swallowed , May be harmful and cause lung damage .
- R53 : Under extreme conditions , may cause long-term adverse effects in the aquatic environment.

EC Safety Phrases :

- S2 Keep out of the reach of children.
- S23 Avoid direct breathing of gas / fumes / vapor / atomized spray.
- S24 Avoid direct contact with skin.
- S51 Use only in well-ventilated areas.
- S61 Avoid release to the environment.

Ingredients with Known Acute Toxicity : None

Other Information : Biodegrades at a rapid rate and will not persist in the environment. It is not expected to cause short-term toxicity to fish or other aquatic organisms. Because of its low solubility in water and volatility (tendency to move from water to air) chronic aquatic toxicity is not expected. This product is expected to degrade rapidly in air. Measures should be taken to prevent its release to the atmosphere and minimize any exposure to the environment from manufacturing or use activities .

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS :

Chemical characterization : Mixture

Hazardous Components : N A

The exact percentage of ingredients in this product have been withheld as trade secrets . Any hazards associated with this finished product are listed in SECTION 2 of this SDS .

Active Ingredient :	CAS # :	Range in WT % :	PEL –TLV
Soybean Oil Acids , Methyl Esters	67762-38-3 (or 68919-53-9)	>50%	NO OSHA PEL NO ACGIH - TLV
LOBS (Low Odor – based Hydrotreated Light Solvent Distillate)	64742 – 47 - 8	<50%	ACGIH : 200 mg / m3

NOTE : Specific Percentages of Chemical Ingredients Held as Trade Secrets .



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SECTION 4 : FIRST AID MEASURES

Description of Necessary Measures :

Relevant Routes of Exposure : Inhalation , Skin Contact , Eye Contact , Ingestion

Description of Necessary Measures :

After Inhalation : Avoid breathing vapor or mist . Under extreme conditions , move to fresh air . Keep person warm and at rest . If not breathing , if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel . It is not advised for the person providing aid to give mouth-to-mouth resuscitation . If unconscious , place in recovery position and get medical attention immediately . Maintain an open airway . Loosen tight clothing such as a collar, tie, belt , or waistband . If adverse conditions persist , consult a doctor .

After Skin Contact : Under extreme conditions , flush effected skin with plenty of soap and water for at least 15 minutes . Remove contaminated clothing and shoes , followed up by washing with soap and water again . Wash clothing before re-use . Clean shoes thoroughly before re-use . If skin irritation , rash , redness, swelling, pain and / or blisters persists, seek medical attention immediately .

After Eye Contact : Do Not Rub Eyes . Under extreme conditions , prolonged exposure may cause irritation to the eye tissue if not removed . In case of extreme contact , immediately flush eyes with large quantities of warm running water for 15 minutes , lifting upper and lower lids occasionally . Rest eyes for 30 minutes . If easy to do, remove contact lenses . Continue water rinsing . If eye irritation , redness, burning, blurred vision, or swelling persists, seek medical attention .

After Ingestion : If accidentally swallowed, Do Not induce vomiting . Small amounts of liquid may be aspirated into the lungs during ingestion or from vomiting . If vomiting occurs spontaneously, keep head below hips to prevent aspiration. This may cause lung inflammation and lung edema (an accumulation of fluid in the lungs). An aspiration hazard ,if swallowed , can enter lungs and cause damage . This is a medical emergency which must be immediately and properly treated. Transport to nearest medical facility for additional treatment. If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility : fever greater than 101° F (38.3°C), shortness of breath, chest congestion or continued coughing or wheezing. Give nothing by mouth . Under milder conditions , ingestion may cause abdominal discomfort , nausea , or diarrhea . Rinse mouth with water . Move individual to fresh air . If patient is fully conscious, continue to rinse mouth with water and drink 2-3 glasses of water . Never give anything by mouth if victim is conscious , rapidly losing consciousness , or is convulsing .

Note to Physicians : Treat symptomatically . Seek medical attention immediately if large quantities are ingested .

Effects of Chronic Exposure : Irritation to eyes, nose, and throat ; dizziness ; dermatitis ; chemical pneumonitis .

Medical Conditions Generally Aggravated by Exposure : If product enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and / or fever. The onset of respiratory symptoms may be delayed for several hours after exposure. Extreme skin irritation signs and symptoms may include a burning sensation, redness, swelling, and / or blisters. Breathing of high vapor concentrations may cause dizziness, lightheadedness, headache, nausea and loss of coordination.

SECTION 5 : FIRE FIGHTING MEASURES :

Flashpoint : (°F, °C , PMCC) : 160 – 180 °F (71.1 – 82.2 °C)

Flammability : Flammable liquid and vapor under unpredicted spon taneous conditions . May be combustible at high temperature .

Auto-Ignition Temperature : > 428 °F (220 °C)

Flammable Limits in Air, % by Volume, Lower Limits : 1

Flammable Limits in Air, % by Volume, Upper Limits : 7

Suitable Extinguishing Media : Use fire extinguishing media such as Foam, Dry Powder, Carbon Dioxide, Water Fog , or Sand .

Unsuitable Extinguishing Media : Water Jet

Specific Hazards Arising from the Chemical : Absorbent Material saturated with product may present a fire or spontaneous combustion hazard.

Hazardous Decomposition Products of Combustion : Carbon dioxide , Carbon Monoxide , Sulphur Oxides . Product's vapor may be heavier than air which can spread along the ground whereupon a distant ignition is possible.

Fire-fighting procedures : Fire fighters should perform only those fire fighting procedures for which they have been trained . Handle as an oil fire . Do not use solid water stream on burning liquid pools . Use water spray to cool fire-exposed containers . In a fire or if heated, a vapor pressure increase within the container may occur and the container may burst . Promptly isolate the scene by removing all individuals from the vicinity of the incident if there is a fire . If a spill or leak has not ignited, use a water spray to disperse vapors . Water spray may also be used to flush spills away from fire . No action should be taken involving any personal risk or without suitable training . If possible remove containers from the danger zone. If the fire cannot be extinguished the only course of action is to evacuate immediately.

Special Protective Equipment for Fire Fighters : Fire fighters should wear appropriate full bunker gear - protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode - when there is a possibility of exposure to smoke, fumes, or hazardous decomposition products . Use protective equipment appropriate for firefighting surrounding materials .



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SECTION 6 : ACCIDENTAL RELEASE MEASURES

Environmental Precautions : Ventilate contaminated area thoroughly. Avoid contact with spilled or released material . Avoid over exposure to skin, eyes, or clothing . Under extreme circumstances, avoid breathing vapors or fumes .Absorb excess product for disposal with inert solids (ie : sand, clay) as soon as possible . Allow remaining product to evaporate . Retain spill as contaminated waste . Absorb any excess or additional spill with more liquid-binding absorbent (ie : sand, diatomite , universal binders , sawdust) . Clean contaminated surfaces thoroughly . Store leaky container away from other materials . Place spilled material in a leak-proof, labeled container . Make best efforts to prevent entry into sewers and public waters.Take extreme measures to prevent large quantities of product to reach ground water, water course, or sewage system . Dispose of material and container in accordance with local, state, national , and international regulations .

SECTION 7 : HANDLING & STORAGE REQUIREMENTS

KEEP OUT OF REACH OF CHILDREN

Precautions for Safe Handling : Read product literature, label , and SDS before use . Use product strictly according to label directions . Prevent spillages. Only use in well - ventilated areas . Provide adequate ventilation in storage area to prevent formation of fumes . Avoid breathing vapors or contact with material. May ignite on surfaces at temperatures above auto-ignition temperature. Remove all possible sources of ignition in the surrounding area and evacuate all personnel. Take precautionary measures against static discharge.

Hygiene Measures : Wash hands, face, and forearms thoroughly after handling. . Air-dry contaminated clothing in a well-ventilated area before laundering. Launder soiled, contaminated clothing before re-use . Properly dispose of any contaminated rags or cleaning materials in order to prevent fires.

Safe Storage Conditions : Store airtight at room temperature . Keep in original container in a cool , well-ventilated place away from open flames .

Keep container closed when not in use. Avoid excessive heat as product at temperatures above 115° F (46.1 °C) . Avoid freezing product .

Precautions for safe handling : Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. Avoid inhaling vapor and/or mists. Never siphon by mouth. Avoid contact with the skin. When using do not eat or drink

Incompatible Products : Strong oxidizing agents as liquid chlorine ; concentrated oxygen , sodium, or calcium hypochlorite .

Incompatible Circumstances : Direct sunlight . Keep from Freezing .

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Healthy & Safety Accreditation : Relatively safer than most conventional petroleum distillate equivalent dust mop treatments . Should not cause adverse health or environmental effects at levels typically found in the workplace or environment.

Workplace Control Parameters : Use local exhaust ventilation if there is risk of inhalation of vapors .If work practices generate dust, fumes, gas, vapors, or mists which expose individuals to abnormal exposure above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered . Potential exposure may occur in a manufacturing facility or through evaporation in various industrial applications. Generally, exposure of personnel in manufacturing facilities is relatively low because the process, storage and handling operations are enclosed. The recommended occupational exposure limit (OEL) is 165 ppm per an 8-hour work day

Engineering Controls : Adequate general ventilation

Personal Protective Equipment : When using this product as directed on the product label , take normal , conservative precautions when using this product . When using this product, make sure that there is adequate ventilation. Always use chemical resistant gloves to protect your hands and skin ; and wear eye protection such as chemical goggles. Do not eat, drink, or smoke where chemicals are handled, processed, or stored. Wash hands and skin following contact. If this product gets into your eyes, rinse eyes thoroughly for at least 15 minutes with tap water and seek medical attention

Respiratory Protection : Use appropriate respiratory mask . Avoid product's fumes or vapors .

Skin / Hand Protection : Avoid prolonged skin contact . Wear chemical resistant gloves .

Eye Protection : Wear chemical goggles, safety glasses , or full face shield .

Ingestion : If accidentally swallowed, small amounts of liquid may be aspirated into the lungs during ingestion or from vomiting .

DO NOT induce vomiting . This is a medical emergency which must be immediately and properly treated .

Other Information : DO NOT eat, drink, or smoke during use . .



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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid	Color : Pale Yellow Liquid	Odor : Mild
pH (@ 1 % Solution) : NA	Specific Gravity (Water = 1) : 0.79	Boiling Point (Initial) : >400 °F (204.4 °C)
Flashpoint : (°F, °C , PMCC) : 151-53 °F (66-67 °C)	Melting Point : NA	Vapor Density (Air = 1) : 5.2
Flammability : Flammable under unpredicted spon taneous conditions . May be combustible at high temperature .		
Solubility in Water : Negligible	Vapor Pressure (mm Hg) : <10 @ 77 °F (25 °C)	% VOC (by weight) : NE
Auto-ignition Temperature : 428 °F (220 °C)	Freezing Point : Not Determined	
Evaporation Rate (Butyl Acetate =1) : < 0.1	Decomposition Temp. : NE	
Partition coefficient : (n-octanol/water) Undetermined		

SECTION 10 : STABILITY AND REACTIVITY

Reactivity : Stable at normal ambient temperature and pressure
Chemical stability : No decomposition if stored and applied as directed..
Possibility of Hazardous Reactions : As a bio-solvent blend , keep away from heat and sources of ignition such as open sparks / flames.
Conditions to Avoid : Direct Sunlight . Extremely High or Low Temperatures . If product is frozen, irreversible separation may occur .
Incompatible Materials : Acids , Aldehydes, Ketones, Strong Oxidizing Agents.
Hazardous Decomposition By-products : Carbon Dioxide, Carbon Monoxide , and other Unidentified Organic Compounds .
Hazardous Polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur .

SECTION 11 : TOXICOLOGICAL INFORMATION

Information on Toxicological Effects : Any hazards associated with this finished product are listed in SECTION 2 of this SDS .
Soybean Oil Acids , Methyl Esters (67762-38-3) are recognized as "Generally Recognized as Safe " (GRAS) . LOBS (64742 – 47 – 8) is generally recognized to have low acute and chronic toxicity.. Prolonged or repeated skin contact in an occupational setting may result in irritation and in these situations, the use of chemical resistant gloves is recommended . This product biodegrades at a rapid rate and will not persist in the environment . It is not expected to cause short-term toxicity to fish or other aquatic organisms. Because of its low solubility in water and volatility (tendency to move from water to air) chronic aquatic toxicity is not expected. This product is expected to degrade rapidly in air. Measures should be taken to minimize any exposure to the environment from manufacturing or use activities . This product is not regarded as a mutagen or carcinogen, and there is low concern for reproductive, developmental, or nervous system toxic effects .
Likely Routes of Exposure : Inhalation, Skin Contact, Eye Contact , Ingestion .
Inhalation : If an allergic reaction does occur , move individual to fresh air . If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.
Skin Contact : Slightly irritating . In extreme cases , if " Redness " or Sensitization occurs through direct skin contact , seek the attention of a physician immediately .
Eye Contact : Irritating Effect May Occur Through Direct Contact . Application of undiluted material may produce a mild , transient irritation (ie : rabbit test) . In extreme cases , if "redness" and watering of eyes persists , seek the attention of a physician immediately .
Ingestion : If accidentally swallowed, small amounts of liquid may be aspirated into the lungs during ingestion or from vomiting . DO NOT induce vomiting . This is a medical emergency which must be immediately and properly treated . In milder cases , nausea , stomach cramps , or vomiting may occur .
Symptoms Related to the Physical, Chemical, and Toxicological Characteristics : If product enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure. Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters. Breathing of high vapor concentrations may cause dizziness, lightheadedness, headache, nausea and loss of coordination.



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TOXICOLOGICAL INFORMATION (continued)

Acute Toxicity , Toxicological (see tables below)

Measures of Toxicity by Ingredients : The following Acute Toxicity Estimates (ATE) are calculated on this GHS document .
Data not available or is insufficient for classification .

	<u>Standard :</u>	<u>Species :</u>	<u>Result :</u>	<u>Exposure :</u>
Soybean Oil Acids , Methyl Esters cas # : 67762-38-3 (or 68919-53-9)	LD50	Rabbit	Dermal= > 2000 mg/ kg	NA
	LD50	Rat	Oral= > 5000 mg/ kg	NA

	<u>Standard :</u>	<u>Species :</u>	<u>Result :</u>	<u>Exposure :</u>
LOBS (Low Odor – based Hydrotreated Light Solvent Distillate) cas # : 64742 – 47 - 8	LD50	Rabbit	Dermal= 2000 – 4000 mg/kg	NA
	LC50	Rat	Inhalation= >6.8 mg/ L All rats survived at indicated concentration	4 hrs.
	LD50	Rat	Oral= >5000 mg/ kg	
	Primary Skin Irritation	Rabbit	2.2 (Max Score is 8.0)	
	Primary Eye Irritation	Rabbit	3.3 (Max Score is 110)	

Respiratory or Skin Sensitization : Not expected to cause skin & respiratory sensitization .

Teratogenicity, Mutagenicity : No Data Available to indicate product or any ingredient present at greater than 0.1 % are teratogenic or mutagenic .

Reproductive Toxicity : No Data Available to indicate product or any ingredient present at greater than 0.1 % that may cause reproductive toxicity .

Specific Target Organ Toxicity (Single Exposure) : Lungs (Aspiration Hazard) , if ingested . Swallowing this product may cause lung inflammation and lung edema (an accumulation of fluid in the lungs). If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility : fever greater than 101° F (38.3°C), shortness of breath, chest congestion or continued coughing or wheezing.

Specific Target Organ Toxicity (Repeated Exposure) : No Data Available to indicate product or any ingredient present at greater than 0.1 % are considered chronic health hazards .

Carcinogenic Categories : This product contains oils which are considered to be severely refined and not considered carcinogenic .

No components present at 0.1 % or greater are listed as being carcinogens .



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TOXICOLOGICAL INFORMATION (continued)

Chronic Toxicity , Toxicological , Soybean Oil Acids , Methyl Esters , cas # : 67762-38-3 : (see table below)

	<u>Test :</u>	<u>Species :</u>	<u>Result :</u>	<u>Exposure :</u>
Soybean Oil Acids , Methyl Esters cas # : 67762-38-3 (or 68919-53-9)	Sub-Chronic Oral	Rat Male / Female	>5000 mg/ kg	90 days

Chronic Toxicity , Toxicological , LOBS , cas # : 64742 – 47 – 8 : ND

Chronic Effects : .

Available Delayed and Immediate Effects (Chronic Effects from Short and Long Term Exposure) : Small amounts of liquid may be aspirated into the lungs during immediate ingestion or from vomiting . If vomiting occurs spontaneously, keep head below hips to prevent aspiration. This may cause lung inflammation and lung edema (an accumulation of fluid in the lungs) .

Delayed and Immediate Effects : Unknown.

Symptoms / Injuries After Inhalation : Not Established

Symptoms / Injuries After Skin Contact : Not Established

Symptoms / Injuries after Eye Contact : Not Established

Symptoms / Injuries after Ingestion : Not Established

SECTION 12 : ECOLOGICAL INFORMATION

ENVIRONMENTAL ACCREDITATION :

ECOTOXICITY : Basis for Assessment - Information given is based on a knowledge of the components and the ecotoxicology of similar ingredients.

Ingredients : This information is provided from ingredients only . Otherwise , See SECTION 3 of this SDS .

Ecotoxicity / Species : Aquatic

Acute Toxicity , Ecological : Soybean Oil Acids , Methyl Esters - cas # 67762-38-3 (see table below)

<u>Product / Ingredient Name :</u>	<u>Test :</u>	<u>Species :</u>	<u>Result :</u>	<u>Exposure :</u>
Soybean Oil Acids , Methyl Esters cas # : 67762-38-3 (or 68919-53-9)	DIN DIN 38412 Part 8	Bacteria	Acute EC50 25619 mg / L	16 hours
	OECD 202 Daphnia sp.	Daphnia	Acute EC50 > 1000 mg/ L	48 hours Static
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ECOLOGICAL INFORMATION
(continued)



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Soybean Oil Acids , Methyl Esters
cas # : 67762-38-3
(or 68919-53-9)
(continued)

Acute Immobilization Test and Reproduction Test	Fresh Water		
OECD 201 Alga, Growth Inhibition Test	Algae	Acute EC50 > 929 mg / L Fresh Water	72 hours Static
EU EC C.1 Acute Toxicity for Fish	Fish	Acute LC50 > 1000 mg/ L Fresh water	96 hours Semistatic

Acute Toxicity , Ecological : LOBS - cas # : 64742 – 47 – 8 (Toxic: LL/EL/IL50 > 1 <= 10 mg/l LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract.)

<u>Product / Ingredient Name :</u>	<u>Test :</u>	<u>Species :</u>	<u>Result :</u>	<u>Exposure :</u>
LOBS (Low Odor – based Hydrotreated Light Solvent Distillate) cas # : 64742 – 47 - 8	LL/EL/IL50	Microorganisms	Minimal Toxicity = > 100 mg/ L	NA
	LL/EL/IL50	Algae Plants	> 1 <= 10 mg/ L May Be Considered Toxic	NA
	LL/EL/IL50	Aquatic Crustacea	> 1 <= 10 mg/ L May Be Considered Toxic	NA
	LL/EL/IL50	Fish	> 1 <= 10 mg/ L May Be Considered Toxic	NA



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ECOLOGICAL INFORMATION (continued)

Chronic Toxicity, Ecological : (see table below)

	<u>Test :</u>	<u>Species :</u>	<u>Result :</u>	<u>Exposure :</u>
LOBS (Low Odor – based Hydrotreated Light Solvent Distillate) cas # : 64742 – 47 - 8	NOEC/NOEL	Aquatic Crustacea	Expected to Be > 0.1 - <= 1.0 mg/ L	
	NOEC/NOEL	Fish	Expected to Be > 0.01 - <= 0.1 mg/ L	

Persistence & Degradability : Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air. Biodegrades at a rapid rate and will not persist in the environment. It is not expected to cause short-term toxicity to fish or other aquatic organisms. Because of its low solubility in water and volatility (tendency to move from water to air) chronic aquatic toxicity is not expected. This product is expected to degrade rapidly in air. Measures should be taken to prevent its release to the atmosphere and minimize any exposure to the environment from manufacturing or use activities..

<u>Product / Ingredient Name :</u>	<u>Test :</u>	<u>Result :</u>	<u>Dose :</u>	<u>Inoculum :</u>
Soybean Oil Acids , Methyl Esters cas # : 67762-38-3 (or 68919-53-9)	OECD 301 B Ready Biodegradability – CO2 Evolution Test	83.5 to 87.7 % - Readily – 29 days	20 mg / L Carbon dioxide production	NA

<u>Product / Ingredient Name :</u>	<u>Aquatic Half-Life :</u>	<u>Photolysis :</u>	<u>Biodegradability :</u>
Soybean Oil Acids , Methyl Esters cas # : 67762-38-3 (or 68919-53-9)	NA	NA	Readily

Additional Information : None available



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BIOACCUMULATIVE POTENTIAL : Contains ingredients with the potential to bioaccumulate in large quantities .

<u>Product / Ingredient Name :</u>	<u>LogPow :</u>	<u>BCF :</u>	<u>Potential :</u>
Soybean Oil Acids , Methyl Esters cas # : 67762-38-3 (or 68919-53-9)	-0.41	NA	Low

TERRESTRIAL TOXICITY :No Additional Information Available

MOBILITY IN SOIL: Floats on water. Evaporates within a day from water or soil surfaces.

OTHER ADVERSE EFFECTS :

Effect on Ozone Layer :This product does not contain nor is it manufactured with ozone depleting substances .

Effect on Global Warming :No Additional Information Available

Other Information :Not Applicable

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations : Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations. Dispose in safe manner in accordance with local / state / federal / international regulations. Dispose of contents / container in accordance with local/regional/national/ international regulations . May be burned in a chemical incinerator with an afterburner and scrubber after consulting with the waste disposal facility operator and the pertinent authorities while adhering to the necessary regulations .

Ecology – Waste Materials : Avoid release into environment .

Empty Containers : Empty containers may retain product residue (liquid and/or vapor) . DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION . Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

Recommended Cleansing Agents : Water Only

SECTION 14 : TRANSPORT INFORMATION

US DOT

<u>UN Number :</u>	<u>Shipping Name :</u>	<u>Hazard Class :</u>	<u>Packing Group :</u>	<u>Placards / Labels :</u>
NA	Soy Shine Not regulated (Does Not sustain combustion – 49 CFR 173. 120 (b)(3) .)	NA	NA	NA



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SECTION 15 : REGULATORY INFORMATION

Safety, Health, and Environmental Regulations/Legislation specific for the substance or mixture

OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200 :

The Occupational Safety and Health Administration requires Safety Data Sheets to provide any hazards that may be associated with the product and make this information available in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain additional health hazard information not pertinent to consumer use.

US TSCA INVENTORY STATUS : All chemicals used in this product are either listed on or exempt from the TSCA Inventory. In compliance .

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4): This product does not contain any " Hazardous Substances " listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 in 40 CFR Part 302, Table 302.4 .

SARA 302 COMPONENTS (40 CFR 355, Appendix A) : This product does not contain greater than 1% of any " extremely hazardous substances " of listed pursuant to Title III "of SARA Section 302 or 304 as identified in 40 CFR . No ingredients used in this product are reportable under SARA .

SARA 311/ 312 / 313 COMPONENTS : This product does not contain greater than 1% of any " hazardous substances " of listed pursuant to Title III " of SARA Section 311 - 313 as identified in 40 CFR . This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Classification "Fire hazard" . This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA SECTION 311 & 312 CLASSIFICATIONS

Acute Hazard : No
Chronic Hazard : No
Fire Hazard : Yes
Reactivity Hazard : No

CLEAN AIR ACT (CAA) , Section 112 (r) , Accidental Release Prevention (40 CFR 68.130) : Not regulated

CLEAN WATER ACT , Section 311 , Hazardous Substances (40 CFR 117.3) : This product may be subject to regulation of the Clean Water and Oil Pollution Act in the event large , unmanageable quantities are released .

DRUG ENFORCEMENT ACT : Not regulated.

GLOBAL CHEMICAL INVENTORIES :

Australia. Inventory of Chemical Substances (AICS) : Listed

CANADA DSL STATUS : All chemicals used in this product are either listed or exempt. (CEPA) : Listed on DSL .

WHMIS : Class B, Division 3: Combustible liquid

Canada. Domestic Substances List (DSL) Inventory : Listed

Canadian Non-Domestic Substance Listing (NDSL) : Not listed

China. Inventory of Existing Chemical Substances (IECSC) : Listed

European Union Classification according to Regulation (EU) 1272/2008 :

.....Aspiration hazard, Category 1

.....Repeated exposure may cause skin dryness or cracking.

European Inventory of Existing Commercial Chemical Substances (EINECS) Listing : Listed

Japan. Inventory of Existing and New Chemical Substances (ENCS) : Listed .

Japan. Industrial Safety & Health Law (ISHL) Inventory : Listed

Korea. Existing Chemicals Inventory (KECI) : Listed

Mexico. National Inventory of Chemical Substances (INSQ) : Listed

New Zealand. Inventory of Chemicals (NZIoC) : Listed



**SOY SHINE
STAINLESS STEEL
SPRAY CLEANER / POLISH**

**MADE FROM U.S. GROWN SOYBEAN OIL
CLEANS / DEGREASES / POLISHES IN ONE STEP
FOR STAINLESS STEEL + OTHER METALS**

REGULATORY INFORMATION (continued)

GLOBAL CHEMICAL INVENTORIES : (continued)

Philippines. Inventory of Chemicals / Chemical Substances (PICCS) : Listed
Switzerland. Inventory of Notified New Substances (CHINV) : Listed
Taiwan. National Existing Chemical Inventory (NECI) : Listed

CALIFORNIA PROPOSITION 65 : This product may contain listed ingredients under California Proposition 65 which are questionable .
MASSACHUSETTS COMMONWEALTH'S RIGHT- TO - KNOW : Soybean Oil
MICHIGAN CRITICAL MATERIAL LIST (Michigan Natural Resources and Environmental Protection Act (Act. 451 of 1994)) : Not regulated.
MINNESOTA HAZARDOUS SUBSTANCES LIST : Soybean oil
NEW JERSEY WORKER AND COMMUNITY RIGHT – TO - KNOW : No chemicals used in this product are reportable under the New Jersey's Right -to -Know Act.
PENNSYLVANIA WORKER AND COMMUNITY RIGHT – TO - KNOW : Soybean Oil
RHODE ISLAND RIGHT – TO - KNOW : Soybean oil

SECTION 16 : OTHER INFORMATION

HMIS Rating		GHS classification ratings order of severity differ from NFPA and HMIS	
HEALTH	1	HMIS/NFPA Hazard Ratings	GHS Hazard Categories
FLAMMABILITY	2	0= Minimal Hazard	Cat 1 ~ Severe Hazard
PHYSICAL HAZARD	0	1= Slight Hazard	Cat 2 ~ Serious Hazard
PERSONAL PROTECTION	E	2= Moderate Hazard	Cat 3 ~ Moderate Hazard
		3= Serious Hazard	Cat 4 ~ Slight Hazard
		4= Severe Hazard	Cat 5 ~ Minimal Hazard

DISCLAIMER : This document is intended to provide a brief summary of our present knowledge and guidance regarding the use of this material . The information set forth herein has been compiled from sources to be dependable and is believed to be accurate as of the date of issuance . This information is offered in good faith by HEALTHY CLEAN BUILDINGS and no warranty, expressed or implied, is made . The user assumes all liability for any damage or injury resulting from misuse, from any failure to adhere to recommended practices according to product label (and such), or from any hazards inherent in the nature of the product . This document shall not constitute a guarantee for any specific product features and shall not establish a legally valid contracted relationship.

Footnotes : CALC-Calculated; COR-Corrosive; CS-Cancer Suspect Agent; EST-Estimated; HMIS-Hazardous Material Identification System; NA-Not Applicable; ND-No Data ; NE – Data Not Established; OX- Oxidizer; PEL-Permissible Exposure Limit; PPI-Personal Protection Index ; STEL-Short Time Exposure Limit; TLV-Threshold Limit Value; TWA-Time Weighted Average