

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name OleaClear Olive Squalane
INCI Name Squalane

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Active ingredient in cosmetic and personal care applications

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: TRI-K INDUSTRIES, INC.
2 Stewart Court
Denville, NJ 07834
Information Phone Number: (973) 298-8850
E-mail info@tri-k.com

1.4 Emergency Telephone Number:

Emergency Spill Information (973) 298-8850 (TRI-K Industries, Inc.)
(800) 222-1222 (National Poison Control Center)

SDS Date of Preparation: February 19, 2015

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance does not meet the criteria for a hazardous substance

Classification according to Directive 1999/45/EC [DPD]:

The substance does not meet the criteria for dangerous substances

2.2 Label Elements: *Labeling according to Regulation (EC) No 1272/2008 [CLP]*

Not applicable
Hazard Statement: Not applicable
Precautionary Statement: Not applicable

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	DSD Classification (67/548/EEC)	CLP Classification (EC) No 1272/2008	%
Squalane	111-01-3	203-825-6	Not classified as dangerous	Not classified as hazardous	~100%

Additional information: For full text of H-statements and R-phrases: see SECTION 16

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: Flush eyes with copious amounts of water and observe. Consult physician if irritation persists.

Skin Contact: No adverse effect expected. If irritation occurs, wash with soap and water.

Inhalation: Move to fresh air. No adverse effect expected.

Ingestion: Seek medical attention, showing the label

4.2 Most important symptoms and effects, both acute and delayed:

No data available

4.3 Indication of any immediate medical attention and special treatment needed:

No data available

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Carbon dioxide (CO₂), dry chemical agents, foam.

Non-flammable: In the event of fire, use specifically suitable extinguishing agents. Never use water.

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: Burning will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

Hazardous Decomposition Products: Carbon monoxide (CO) and carbon dioxide (CO₂)

5.3 Advice for Fire-Fighters:

Special Fire Fighting Procedures:

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting

personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**
Ensure adequate ventilation. Wear appropriate protective clothing and equipment (i.e. – splash proof goggles and rubber/plastic gloves).
- 6.2 Environmental Precautions:**
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.
- 6.3 Methods and Material for Containment and Cleaning Up:**
Clean preferably with a detergent, do not use solvents. Follow all Local, State and Federal regulations.
- 6.4 Reference to Other Sections:**
Refer to Section 8 for protective equipment and Section 13 for disposal considerations

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Always wash hands after handling
- 7.2 Conditions for Safe Storage, Including any Incompatibilities:**
Store in a cool, dry place in unopened containers. Do not expose containers to source of heat.
- 7.3 Specific end use(s):**
Active ingredient in cosmetic and personal care applications

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	8.1.1 Occupational Exposure Limits:	8.1.2 Additional exposure limits under the conditions of use:	8.1.3 DNEL/DMEL and PNEC-Values:
Squalane	No limits established	Not Available	Not Available

8.2 Exposure Controls:

8.2.1 Appropriate Engineering Controls: General mechanical ventilation is acceptable

8.2.2 Individual protection measures, such as personal protective equipment:

Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before reusing. Ensure that there is adequate ventilation, especially in confined areas.

Eye/face protection: Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.

Hand Protection: Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Body Protection: Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

Respiratory Protection: Not required under usual conditions of use. However, if exposure potential exists, refer to NIOSH Criteria Guides to determine proper equipment.

Thermal Hazards: None required under normal conditions of use

Other: An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

8.2.3 Environmental Exposure Controls: Non-hazardous but avoid direct releases to the environment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance: Colorless, transparent liquid	Vapor Pressure: Not relevant
Odor: Odorless	Vapor Density: Not determined
Odor Threshold: No data available	Specific Gravity: 0.808 – 0.820 @20°C
pH: Not relevant	Water Solubility: Insoluble
Melting Point / freezing point: -38°C	Refractive Index: 1.450 – 1.458 @20°C
Boiling Point: 210°C (1 mbar)	Auto-ignition Temperature: Not available
Flash Point Interval: PE > 200°C	Decomposition Temperature: Not available
Evaporation Rate: Not applicable	Viscosity (cP): Not determined
Flammability (solid, gas): Not flammable	Explosion Properties: None

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of use.

10.2 Chemical Stability:

This substance is stable under the recommended handling and storage conditions in section 7.

10.3 Possibility of Hazardous Reactions:

None known.

10.4 Conditions to Avoid:

Humidity. Protect from moisture. Reaction with water can cause an exothermic reaction

10.5 Incompatible Materials:

Oxidizing agents.

10.6 Hazardous Decomposition Products:

Burning can produce smoke, CO and CO₂

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Acute Oral toxicity: LD50 > 15000 mg/kg

Irritation: Not expected

Corrosivity: This is not a corrosive product.

Sensitization: Not expected

Repeated dose toxicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

Mutagenicity: This product is not expected to present a germ cell mutagenicity hazard.

Toxicity for reproduction: Not expected to affect reproduction or development.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: No ecotoxicity data available

12.2 Persistence and Degradability:

No data available

12.3 Bio accumulative Potential:

No data available

12.4 Mobility in Soil:

No data available

12.5 Results of PBT and vPvB Assessment:

No data available

12.6 Other Adverse Effects:

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC. Do not pour into drains or waterways.

Waste management is carried out without endangering human health, without harming the environment, and in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste; do not dispose of waste into the environment.

13.2 Soiled packaging

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

	US DOT	EU land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
14.1 UN Number				
14.2 UN Proper Shipping Name	Not regulated	In compliance (ADR 2009)	In compliance (IMDG 2008)	In compliance (ICAO/IATA 2009)

14.3 Transport Hazard Class(s)	Exempt from transport classification and labeling.	Exempt from transport classification and labeling.	Exempt from transport classification and labeling.	Exempt from transport classification and labeling.
14.4 Packing Group				
14.5 Environmental Hazards	Not applicable	Not applicable	Not applicable	Not applicable
14.6 Special Precautions for user	None	None	None	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

EU EINECS/ELINCS/NLP:	Annex to Official Journal of the European Communities, 15 June 1990
Canada DSL/NDSL:	Supplement to Canada Gazette, Part I, January 26, 1991
US TSCA	January 2014 TSCA Inventory
Korea KECI:	On ECL, Korean Existing Chemicals List, January 1997
China IECSC:	Inventory of Existing Chemical Substances in China, 2013
Japan ENCS:	Japanese Gazette. Contained within class: Compounds of Unknown Structure.
Philippine PICCS:	Philippines Inventory of Chemicals and Chemical Substances, 2000
Australia AICS:	Australian Inventory of Chemical Substances, June 1996 Ed
New Zealand NZIoC:	New Zealand Inventory of Chemicals, 2006 May be used as a single component chemical under an appropriate group standard.

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: OTHER INFORMATION

16.1 SDS Revision History:

SDS Generated: April 10, 2014

Revision Date: February 19, 2015

16.2 List of Relevant R- phrases (number and full text):

Not applicable

16.3 Legal Disclaimer

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