

Safety Data Sheet  
**LENS CLEANER 16 OZ BOTTLE**

Product: SEE378

Revision date: 2018/02/12

**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** ZENITH PURE SIGHT LENS CLEANING ANTI-STAT.

**Chemical family:** Not available.

**Product uses:** Lens cleaner.

**Supplier:** Same as manufacturer.

**Manufacturer:** Zenith Safety Products  
22555 Aut. Transcanadienne  
Senneville, QC  
H9X 3L7.

**Manufacturer emergency phone number:** Canutec 613-996-6666.  
Chemtrec 800-424-9300.

**Section 2: HAZARD IDENTIFICATION**

**GHS Classification**

**Health Hazard Class(es):** Skin corrosion/irritation, category 2 Irritant.  
Serious eye damage/eye irritation, category 2A Irritant.  
Specific target organ toxicity following single exposure, category 3.

**Physical Hazard Class(es):** Flammable liquid, category 3.

**Environmental Hazard Class(es):** No environmental hazard class.

**GHS Label Elements**

**Symbol:**



**Signal word:** DANGER.

**Hazard statement(s):** H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary statement(s):** P264 Wash face, hands and any exposed skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P310 Immediately call a POISON CENTER or doctor.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P361 Take off immediately all contaminated clothing.  
P363 Wash contaminated clothing before reuse.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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.

**Other hazard(s):** Not available.

**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

C.A.S.	CONCENTRATION %	Ingredient Name
3088-31-1	0-5	SODIUM LAURETH-2 SULFATE
5131-66-8	0-5	PROPYLENE GLYCOL N-BUTYL ETHER
67-63-0	5-15	2-PROPANOL
7732-18-5	65-75	WATER

**Section 4: FIRST AID MEASURES**

**Skin contact:** Remove contaminated clothing.  
Flush with large amounts of water, for at least 15 minutes.  
Consult a physician if irritation persists.

**Eye contact:** Obtain immediate medical attention.  
Take care not to flush contaminated water into unaffected eye.  
Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids.

**Inhalation:** Remove victim to fresh air. If breathing is difficult administer oxygen. If not breathing, have qualified person give artificial respiration. Obtain medical attention. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse.

**Ingestion:** Get medical attention immediately.  
Do not induce vomiting.  
Never give anything by mouth to an unconscious person.  
Drink water to dilute.

**Section 5: FIRE FIGHTING MEASURES**

**Flammability:** Combustible.

**Extinguishing media:** Carbon dioxide.  
Dry powder.  
Water spray may be ineffective.  
Alcohol-resistant foam.  
Water in large amounts.

**Conditions of flammability:** Heat, sparks and open flames.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.  
Use water fog nozzles to cool closed containers.

**Sensitivity to static discharge:** Take precautionary measures against static discharge.

**Sensitivity to mechanical impact:** Not available.

**Rate of burning:** Not available.

**Hazardous combustion products:** Carbon oxides (CO, CO<sub>2</sub>).

#### Section 6: ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Soak up with an absorbent material.  
Dike area to prevent spreading.  
Evacuate all non-essential personnel.  
Prevent entry into drains, sewers, and other waterways.  
Do not touch spilled material.  
Stop leak if without risk.  
Wear appropriate protective equipment.  
No smoking in spill area.  
Use non-sparking tools.  
Ventilate. Eliminate all sources of ignition.  
Use non-sparking tools.  
No flares in spill area.  
Shovel up.  
Place in appropriate container for disposal.  
Notify the appropriate authorities as required.  
Do not walk through spilled material.  
If necessary, neutralize using suitable buffering material (acid with soda ash or base with phosphoric acid).

#### Section 7: HANDLING AND STORAGE

**Handling procedures:** Handle and open container with care.  
Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Refer to container labels.  
Empty containers containing residue may cause a hazard.  
Use proper grounding procedures.  
Avoid contact with skin, eyes and clothing.  
Do not smoke in handling or storage area.  
Bond and ground during transfer of liquid.  
Do not pressurize, cut, heat, or weld empty containers.  
Use with explosion proof equipment.  
Launder contaminated clothing prior to reuse.  
Do not reuse containers.  
Do not flame cut, braze or weld without a NIOSH approved respirator.  
Dispose of contaminated leather articles.  
Application to hot surfaces requires special care.  
For outdoor use only.  
Avoid free fall of liquid.

**Storage procedures:** Store away from incompatible materials.  
Keep out of direct sunlight.  
No smoking.  
Store below 48.8°C (120°F).  
Keep away from hot surfaces.  
Keep containers tightly closed.  
Store in a properly labelled container.  
Store containers upright.  
Store in a cool, dry and well ventilated area.  
Keep locked up.  
Inspect periodically for damage.  
Inspect regularly for signs of leaking.  
Post "No Smoking or Open Flame".  
Store away from food and drink.  
Keep in fireproof surroundings.  
Keep away from heat and all ignition sources.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Gloves/Type:**



Chemical resistant gloves.  
Neoprene gloves.  
Butyl rubber.  
Polyethylene gloves.  
Polyvinyl alcohol gloves.  
Natural rubber.  
Polyvinyl chloride gloves.  
Impervious gloves.  
NBR gloves.  
Viton gloves.  
Ethyl vinyl alcohol laminate gloves.  
Chlorinated polyethylene.

**Respiratory/Type:** If TLV is exceeded.



For emergencies: self-contained breathing apparatus.  
NIOSH/MSHA approved air-purifying or air-supplied.  
For particulates, a particulate respirator (NIOSH Type N95 or better filters) may be worn.  
If oil particulates (such as: lubricants, cutting fluids glycerine, and so on) are present, use a NIOSH Type R or P filter.  
For a higher level of protection, use positive pressure supplied air respiration protection or Self-Contained Breathing Apparatus or if oxygen levels are below 19.5% or are unknown.

**Eye/Type:**



Safety glasses.



Splash proof chemical safety goggles or face shield.

**Footwear/Type:** Impervious footwear.

**Clothing/Type:** Coveralls.  
Impervious clothing.  
Rubber apron.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Local exhaust and/or mechanical ventilation to maintain exposure below TLV.

**Exposure limit of material:** No exposure limit established for the product.

<b>Ingredients:</b>	C.A.S.	Ingredient Name	TLV
	3088-31-1	SODIUM LAURETH-2 SULFATE	NOT AVAILABLE
	5131-66-8	PROPYLENE GLYCOL N-BUTYL ETHER	NOT AVAILABLE
	67-63-0	2-PROPANOL	200 PPM
	7732-18-5	WATER	NOT AVAILABLE

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Alcohol odour.  
Water white.

**Odor threshold (ppm):** Not available.

**pH:** Not available.

**Boiling point (°C):** 80-171.

**Freezing point (°C):** Not available.

**Flash point (°C), method:** Cleveland Open Cup.  
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**Auto-ignition temperature (°C):** 371°C (700°F).

**Explosive power:** Closed containers may rupture or explode due to pressure build-up when exposed to extreme heat.

**Vapour pressure (mmHg):** @ 20°C (68°F).  
8.7

**By weight:** Not available.

**Specific gravity @ 20 °C:** (water = 1).  
0.965

**Density:** 0.964

**Vapour density (air=1):** 3.9

**Evaporation rate  
(butyl acetate = 1):** Not applicable.

**Solubility in water (%):** Appreciable.

**Coefficient of water\oil dist.:** Not available.

**VOC:** 18.2%, 146.2 g/l, 1.2 lbs/gal.

## Section 10: STABILITY AND REACTIVITY

- Chemical stability:** Stable under normal conditions.
- Conditions of instability:** Contact with incompatible substances.  
Open flames.  
Heat
- Hazardous polymerization:** Will not occur.
- Incompatible substances:** Strong oxidizers.
- Hazardous products of decomposition:** See hazardous combustion products.

## Section 11: TOXICOLOGICAL INFORMATION

### Effects of Acute Exposure

- Route of entry:** Eye contact, skin contact, skin absorption, inhalation and ingestion.
- Eye contact:** Blurred vision.  
Irritant.  
Causes tearing and redness.
- Skin contact:** Irritant.  
Defatting.  
Dermatitis.
- Skin absorption:** Absorption thru skin increases exposure.
- Inhalation:** Harmful if inhaled.  
Irritant of the respiratory tract.  
May cause central nervous system depression.  
Anesthetic.
- Ingestion:** May cause nausea, vomiting and diarrhea.  
May cause abdominal irritation.
- Effects of chronic exposure:** May cause target organ damage.  
Pre-existing target organ disorders may be aggravated by over-exposure of this product.
- Sensitization to product:** Not a sensitizer.
- Carcinogenic effects:** Not listed as a carcinogen.
- Reproductive effects:** None known.
- Teratogenicity:** None known.
- Mutagenicity:** None known.
- Synergistic materials:** Not available.
- LD50 of product, species & route:** No LD50 value established for the product.
- LC50 of product, species & route:** No LC50 value established for the product.
- Ingredients:**

C.A.S.	Ingredient Name	LD50	LC50
3088-31-1	SODIUM LAURETH-2 SULFATE	NOT AVAILABLE	NOT AVAILABLE
5131-66-8	PROPYLENE GLYCOL N-BUTYL ETHER	5660 UL/KG RAT ORAL  3100 MG/KG RABBIT DERMAL	NOT AVAILABLE
67-63-0	2-PROPANOL	5000 MG/KG RAT ORAL  3600 MG/KG MOUSE ORAL  6410 MG/KG RABBIT ORAL  12,800 MG/KG RABBIT DERMAL	53,000 MG/M3 MOUSE INHALATION 72,600 MG/M3 RAT INHALATION 16,000 PPM/8H RAT INHALATION
7732-18-5	WATER	> 90 ML/KG RAT ORAL	NOT AVAILABLE

### Section 12: ECOLOGICAL INFORMATION

**Environmental fate:** No data at this time.

**Environmental toxicity:** No data at this time.

### Section 13: DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with municipal, provincial and federal regulations.  
Incineration or sanitary land fill in accordance with local regulations.  
Recycle waste where applicable.

### Section 14: TRANSPORT INFORMATION

**TDG classification:** FLAMMABLE LIQUID, N.O.S.  
(2-propanol, propylene glycol n-butyl ether)  
UN1993  
Class 3  
PG II.

**Special instructions:** Not regulated in containers < 119 gallons.

### Section 15: REGULATORY INFORMATION

**DSL status:** The substance(s) listed in section 2 appear on the Domestic Substances List.

### Section 16: OTHER INFORMATION

**Data prepared by:** Conform-Action Data Systems  
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**Date of the latest SDS revision:** 2015/02/28.

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