

# SAFETY DATA SHEET

## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

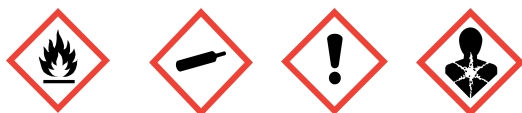
**Product ID:** 496655  
**Product Name:** ZenaSheen H2O  
**Revision Date:** Jan 26, 2023 **Date Printed:** Jan 26, 2023  
**Version:** 6.0 **Supersedes Date:** Oct 29, 2020  
**Manufacturer's Name:** Zenex International  
**Address:** 1 Zenex Circle Cleveland, OH, US, 44146  
**Emergency Phone:** 1-800-535-5053  
**Information Phone Number:** (440)-232-4155  
**Fax:**  
**Product/Recommended Uses:** Stainless steel polish

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Aerosols - Category 1  
Gases Under Pressure - Liquefied Gas  
Aspiration Hazard - Category 1  
Skin Irritation - Category 2  
Skin Sensitizer - Category 1  
Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) - Category 3

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Physical

H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated

### Hazardous Statements - Health

H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H336 - May cause drowsiness or dizziness

### Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

### Precautionary Statements - Prevention

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 - Do not spray on an open flame or other ignition source.
- P251 - Do not pierce or burn, even after use.
- P264 - Wash hands thoroughly after handling.
- P280 - Wear protective gloves.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P261 - Avoid breathing mist, vapors, or spray.
- P271 - Use only outdoors or in a well-ventilated area.

### Precautionary Statements - Response

- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P331 - Do NOT induce vomiting.
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
- P362 + P364 - Take off contaminated clothing and wash it before reuse.
- P333 + P313 - If skin irritation or a rash occurs: Get medical attention.
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 - Call a POISON CENTER or doctor if you feel unwell.

### Precautionary Statements - Storage

- P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
- P403 + P405 - Store in a well-ventilated place. Store locked up.

### Precautionary Statements - Disposal

- P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
64742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	5% - 50%
68476-86-8	Petroleum gases, liquefied, sweetened	2% - 16%
63148-62-9	SILICONE	0% - 5%
7632-00-0	SODIUM NITRITE	0% - 1%
64742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	0% - 1%
68155-20-4	Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	0% - 1%
5989-27-5	D-LIMONENE	0% - 0.8%
111-42-2	DIETHANOLAMINE	0% - 0.5%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

## SECTION 4) FIRST-AID MEASURES

### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). If you feel unwell/if concerned: Get medical advice/attention.

### Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

### Skin Contact

Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

## Ingestion

Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

## Most Important Symptoms/Effects, Acute and Delayed

No data available.

## Indication of Immediate Medical Attention and Special Treatment Needed

No data available.

## SECTION 5) FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Foam, alcohol foam, carbon dioxide, dry chemical, water fog.

### Unsuitable Extinguishing Media

Water may be ineffective but can be used to cool containers exposed to heat or flame.

### Specific Hazards in Case of Fire

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

### Fire-fighting Procedures

Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

### Special Protective Actions

Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

## SECTION 6) ACCIDENTAL RELEASE MEASURES

### Emergency Procedure

Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

### Recommended Equipment

Wear safety glasses with side shields. Use of gloves approved from relevant standards that meet or are equivalent to OSHA 29 CFR 1910.132.

### Personal Precautions

Avoid breathing vapors. Ventilate area.

### Environmental Precautions

Stop spill/release if it can be done safely.

### Methods and Materials for Containment and Cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## SECTION 7) HANDLING AND STORAGE

### General

Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

### Ventilation Requirements

Use in a well-ventilated place.

### Storage Room Requirements

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye protection

Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

## Skin Protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

## Respiratory protection

Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

## Appropriate Engineering Controls

Ventilation should be sufficient to prevent inhalation of any vapors.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)
DIETHANOLA MINE							1 (IFV)	
ISOPARAFFINIC PETROLEUM DISTILLATE	2000	500				1	[(L)[N159](L)[N800]]; [5 (I)[N159]5 (I)[N800]];	(L)[N159](L)[N800]
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	2000	500				1	[(L)[N159](L)[N800]]; [5 (I)[N159]5 (I)[N800]];	(L)[N159](L)[N800]
Petroleum gases, liquefied, sweetened	2000	500				1		

Chemical Name	NIOSH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
DIETHANOLA MINE				A3	Liver & kidney dam	Skin; A3	15	3
ISOPARAFFINIC PETROLEUM DISTILLATE				[A2[N159]A2[N800]]; [A4[N159]A4[N800]];	URT irr [N159]URT irr [N800]	[A2[N159]A2[N800]]; [A4[N159]A4[N800]];		
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)				[A2[N159]A2[N800]]; [A4[N159]A4[N800]];	URT irr [N159]URT irr [N800]	[A2[N159]A2[N800]]; [A4[N159]A4[N800]];		
Petroleum gases, liquefied, sweetened								

Chemical Name	NIOSH STEL (mg/m3)	OSHA STEL (ppm)	NIOSH Carcinogen
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NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)			
Petroleum gases, liquefied, sweetened			

(IFV) - Inhalable fraction and vapor, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, dam - Damage, URT - Upper respiratory tract

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Density	7.49 lb/gal
Density VOC	0.60 lb/gal
% VOC	8.00%

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Appearance	White liquid
Odor Threshold	N.A.
Odor Description	N.A.
pH	N.A.
Water Solubility	N.A.
Flammability	Will not burn
Flash Point	N.A.
Vapor Pressure	N.A.
Viscosity	N.A.
Lower Explosion Level	N.A.
Upper Explosion Level	N.A.
Melting Point	N.A.
Vapor Density	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Decomposition Pt	N.A.
Auto Ignition Temp	N.A.
Evaporation Rate	N.A.

## SECTION 10) STABILITY AND REACTIVITY

### Stability

The product is stable under normal storage conditions.

### Conditions To Avoid

High temperatures.

### Incompatible Materials

No data available.

### Hazardous Reactions/Polymerization

None known.

### Hazardous Decomposition Products

Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.

## SECTION 11) TOXICOLOGICAL INFORMATION

### Skin Corrosion/Irritation

Causes skin irritation

### Serious Eye Damage/Irritation

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

### Reproductive Toxicity

Based on available data, the classification criteria are not met.

### Respiratory/Skin Sensitization

May cause an allergic skin reaction

### Specific Target Organ Toxicity - Single Exposure

May cause drowsiness or dizziness

### Specific Target Organ Toxicity - Repeated Exposure

Based on available data, the classification criteria are not met.

### Aspiration Hazard

May be fatal if swallowed and enters airways

### Acute Toxicity

Based on available data, the classification criteria are not met.

### Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

## SECTION 12) ECOLOGICAL INFORMATION

### Toxicity

Toxic to aquatic life with long lasting effects

### Persistence and Degradability

Readily biodegradable.

### Bioaccumulative Potential

Potential for bioaccumulation is low.

### Mobility in Soil

Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

### Other Adverse Effects

No data available.

### Results of the PBT and vPvB assessment

The substance is not PBT / vPvB.

## SECTION 13) DISPOSAL CONSIDERATIONS

### Waste Disposal

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## SECTION 14) TRANSPORT INFORMATION

	U.S. DOT Information	IMDG Information	IATA Information
<b>UN number:</b>	UN1950	UN1950	UN1950
<b>Proper shipping name:</b>	Aerosols (LTD QTY)	Aerosols (LTD QTY)	Aerosols, flammable (LTD QTY)
<b>Hazard class:</b>	2.1	2.1	2.1
<b>Packaging group:</b>	N.A.	N.A.	N.A.

## SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	5% - 50%	SARA312, VOC, TSCA, ACGIH, OSHA
0068476-86-8	Petroleum gases, liquefied, sweetened	2% - 16%	SARA312, TSCA, OSHA
0063148-62-9	SILICONE	0% - 5%	SARA312, TSCA
0007632-00-0	SODIUM NITRITE	0% - 1%	SARA313, CERCLA, SARA312, TSCA
0000111-42-2	DIETHANOLAMINE	0% - 0.5%	SARA313, CERCLA, HAPS, SARA312, VOC, TSCA, ACGIH, California Proposition 65 Cancer
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	0% - 1%	SARA312, VOC, TSCA, ACGIH, OSHA
0005989-27-5	D-LIMONENE	0% - 0.8%	SARA312, VOC, TSCA
0068155-20-4	Amides, tall-oil fatty, N,N-bis (hydroxyethyl)	0% - 1%	SARA312, TSCA

## SECTION 16) OTHER INFORMATION

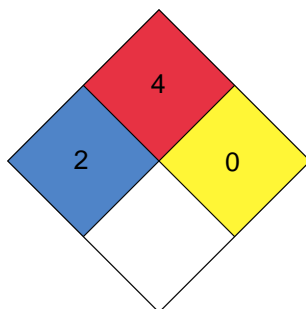
### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

#### HMIS

Health	7 / 2
FLAMMABILITY	4
Physical Hazard	0
Personal Protection	B

#### NFPA



(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

#### Version 6.0:

Revision Date: Jan 26, 2023

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