

SAFETY DATA SHEET

Arete Chem LVP Cleaner

Page: 1 of 7
Printed: 06/05/2019
Revision: 06/04/2019

1. Product and Company Identification

Product Code: ARETECLVP
Product Name: Arete Chem LVP Cleaner
Trade Name: Arete Chem
Company Name: Auto Detail Depot, LLC
1620 W Lewis St. Suite F
Pasco, WA 99301
Web site address: www.aretechem.com
Email address: aguilers2@yahoo.com
Emergency Contact: INFOTRAC (800)535-5035
Information: Contract #914-39
Part Number: LFGRPCLRLL24, LFGRPLVPG01

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2A
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: Warning

GHS Hazard Phrases: H302 - Harmful if swallowed.
H316 - Causes mild skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

GHS Precautionary Phrases: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P330 - Rinse mouth.
P332+313 - If skin irritation occurs, get medical advice/attention.
P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents/container to in accordance with all applicable local, state, and federal regulations.

SAFETY DATA SHEET

ARETE CHEM LVP CLEANER

Page: 2 of 7

Printed: 06/05/2019

Revision: 06/04/2019

Potential Health Effects Hazards not otherwise classified (HNOC) or not covered by GHS -none.
(Acute and Chronic):

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
34398-01-1	Nonionic surfactant	1.0 -3.0 %	
10213-79-3	Sodium meta silicate	~ 1.0 %	
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	< 1.0 %	
1310-73-2	Sodium hydroxide	< 0.3 %	
9002-93-1	Preservative	< 0.1 %	

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: No data available.

5. Fire Fighting Measures

Flash Pt: NP

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information:

Flammable Properties and Hazards: Sodium oxides.

Hazardous Combustion Products: No data available.

SAFETY DATA SHEET

Arete Chem LVP Cleaner

Page: 3 of 7
Printed: 06/05/2019
Revision: 06/04/2019

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental Precautions: Do not let product enter drains.

Steps To Be Taken In Case Material Is Released Or Spilled: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.

Other Precautions: Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
34398-01-1	Nonionic surfactant	No data.	No data.	No data.
10213-79-3	Sodium meta silicate	No data.	No data.	No data.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.
1310-73-2	Sodium hydroxide	PEL: 2 mg/m3	CEIL: 2 mg/m3	No data.
9002-93-1	Preservative	No data.	No data.	No data.

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1310-73-2	Sodium hydroxide	California, USA PELs	CEIL: 2 mg/m3 ()	
		NIOSH	CEIL: 2 mg/m3	

Personal Protective Equipment Symbols:



Respiratory Equipment (Specify Type): A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Environmental Exposure Controls: Do not let product enter drains.

SAFETY DATA SHEET
Arete Chem LVP Cleaner

Page: 4 of 7
Printed: 06/05/2019
Revision: 06/04/2019

9. Physical and Chemical Properties

Physical States: ☐ Gas ☒ Liquid ☐ Solid

Appearance and Odor: Liquid.
 Leather Scent.

pH: 12

Melting Point: NA

Boiling Point: No data.

Flash Pt: NP

Evaporation Rate: NA

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): NA

Vapor Density (vs. Air = 1): NA

Specific Gravity (Water = 1): No data.

Density: 8.553 LB/GA at 70.0 F (21.1 C)

Solubility in Water: 100%

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: NA

10. Stability and Reactivity

Reactivity: No data available.

Stability: Unstable ☐ Stable ☒

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: No data available. In the event of fire: see section 5.

Possibility of Hazardous Reactions: Will occur ☐ Will not occur ☒

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information:	Acute toxicity. No data available. Germ cell mutagenicity: Reproductive toxicity. Aspiration hazard:
Irritation or Corrosion:	Skin corrosion/irritation. No data available. Serious eye damage/eye irritation: no data available.
Sensitization:	No data available.
Chronic Toxicological Effects:	Specific target organ toxicity -single exposure: May cause respiratory irritation. Specific target organ toxicity -repeated exposure: no data available.
Carcinogenicity/Other Information:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information:	No data available.
Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other adverse effects:	No data available.

13. Disposal Considerations

Waste Disposal Method:	Dispose of contents/container to in accordance with all applicable local, state, and federal regulations. The generations of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incinerators or landfill should be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain and sewers. See Section 8 for information on appropriate personal protective equipment.
-------------------------------	---

14. Transport Information

SAFETY DATA SHEET

Arete Chem LVP Cleaner

Page: 6 of 7
Printed: 06/05/2019
Revision: 06/04/2019

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

DOT Hazard Class:

UN/NA Number:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
34398-01-1	Nonionic surfactant	No	No	No
10213-79-3	Sodium meta silicate	No	No	No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No	No	No
1310-73-2	Sodium hydroxide	No	Yes 1000 LB	No
9002-93-1	Preservative	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

☐ Yes ☒ No	Explosive	☒ Yes ☐ No	Acute toxicity (any route of exposure)
☐ Yes ☒ No	Flammable (gases, aerosols, liquid, or solid)	☒ Yes ☐ No	Skin Corrosion or Irritation
☐ Yes ☒ No	Oxidizer (liquid, solid or gas)	☒ Yes ☐ No	Serious eye damage or eye irritation
☐ Yes ☒ No	Self-reactive	☐ Yes ☒ No	Respiratory or Skin Sensitization
☐ Yes ☒ No	Pyrophoric (liquid or solid)	☐ Yes ☒ No	Germ cell mutagenicity
☐ Yes ☒ No	Pyrophoric gas	☐ Yes ☒ No	Carcinogenicity
☐ Yes ☒ No	Self-heating	☐ Yes ☒ No	Reproductive toxicity
☐ Yes ☒ No	Organic peroxide	☒ Yes ☐ No	Specific target organ toxicity (single or repeated exposure)
☐ Yes ☒ No	Corrosive to metal	☐ Yes ☒ No	Aspiration Hazard
☐ Yes ☒ No	Gas under pressure (compressed gas)	☐ Yes ☒ No	Simple Asphyxiant
☐ Yes ☒ No	In contact with water emits flammable gas	☐ Yes ☒ No	(Health) Hazard Not Otherwise Classified (HNOC)
☐ Yes ☒ No	Combustible Dust		
☐ Yes ☒ No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
34398-01-1	Nonionic surfactant	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
10213-79-3	Sodium meta silicate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
1310-73-2	Sodium hydroxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIb, Title 8
9002-93-1	Preservative	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: No

SAFETY DATA SHEET

Arete Chem LVP Cleaner

Page: 7 of 7
Printed: 06/05/2019
Revision: 06/04/2019

16. Other Information

Revision Date: 06/04/2019

Hazard Rating System:

HEALTH		0
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information contained herein is based on data considered to be accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of this product. The information contained herein is based on data considered to be accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of this product.