



Safety Data Sheet

Issue date 09-Jan-2020

Revision date 03-Feb-2022

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier Javelin™ Bowl Cleaner
 Other means of identification 1502618
 Recommended use Cleaner
 Restrictions on use For industrial use only

Supplier

Corporate Headquarters:
 Lawson Products, Inc.
 8770 W. Bryn Mawr Ave., Suite 900
 Chicago, IL 60631
 (866) 837-9908

Canadian Distribution Center:
 Lawson Canada
 7315 Rapistan Court
 Mississauga, ON L5N 5Z4
 (800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

Website www.lawsonproducts.com

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Acute toxicity - Oral	Category 5
Acute toxicity - Inhalation	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

Symbol



Signal word DANGER

Hazard statements H303 - May be harmful if swallowed

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H314 - Causes severe skin burns and eye damage
 H332 - Harmful if inhaled

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.
Prevention	P260 - Do not breathe dust/fume/gas/mist/vapors/spray 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 and eye/face protection
Response	
General	P321 - For Specific treatment see section 4 of this sds P310 - Immediately call a POISON CENTER or doctor/physician
Eyes	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310 - Immediately call a POISON CENTER or doctor/physician
Skin	P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P363 - Wash contaminated clothing before reuse
Inhalation	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P310 - Immediately call a POISON CENTER or doctor/physician P314 - Get medical advice/attention if you feel unwell
Ingestion	P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting P310 - Immediately call a POISON CENTER or doctor/physician
Storage	P405 - Store locked up
Disposal	P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Hazard(s) Not Otherwise Classified (HNOC)	Not available.
Physical Hazards Not Otherwise Classified (PHNOC)	Not available.
Unknown acute toxicity	1E-06%.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Hydrochloric Acid	7647-01-0	5-10
Nonylphenol Ethoxylate	9016-45-9	1-5
2-Methoxymethylethoxypropanol	34590-94-8	1-5
Propargyl alcohol	107-19-7	<0.1
Ethanol	64-17-5	<0.1

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The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	Get immediate medical advice/attention.
Inhalation	Get medical attention immediately. Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Ingestion	Immediate medical attention is required. Rinse mouth with water and spit out rinse. Remove from exposure, lie down. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Contact physician or poison control center immediately.
Skin contact	Immediate medical attention is required. Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and footwear.
Eye contact	Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub eye.
Most important symptoms (acute)	See section 11 for toxicological information.
Most important symptoms (over-exposure)	Not available.
Indication of any immediate medical attention and special treatment needed	Do not induce emesis or perform lavage. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach. Do not give chemical antidote. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use the extinguishing media recommended for the burning material and fire situation.
Unsuitable extinguishing media	Water spray may be ineffective.
Specific hazards	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Evacuate area of unprotected and unnecessary personnel. Put on appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Keep people away from and upwind of spill/leak.
Methods and materials for containment and cleaning up	Prevent further leakage or spillage if safe to do so. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Should not be released into the environment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Take up mechanically and collect in suitable container for disposal. Dike far ahead of liquid spill for later disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. After cleaning, flush away traces with water.

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7. HANDLING AND STORAGE

Precautions for safe handling

Use personal protective equipment as required. Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation wear suitable respiratory equipment. Use only with adequate and in closed systems.

Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Incompatible with strong acids and bases. Incompatible with oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	California - PELs	ACGIH OEL (TWA)	NIOSH - TWA
Hydrochloric Acid	-	0.3 ppm PEL; 0.45 mg/m ³ PEL		
Nonylphenol Ethoxylate	-			
2-Methoxymethylethoxypropanol	100 ppm TWA 600 mg/m ³ TWA	100 ppm PEL; 600 mg/m ³ PEL	100 ppm TWA Skin	100 ppm TWA 600 mg/m ³ TWA
Propargyl alcohol	-	1 ppm PEL; 2 mg/m ³ PEL	1 ppm TWA Skin	1 ppm TWA 2 mg/m ³ TWA
Ethanol	1000 ppm TWA 1900 mg/m ³ TWA	1000 ppm PEL; 1900 mg/m ³ PEL		1000 ppm TWA 1900 mg/m ³ TWA

Appropriate engineering controls

A safety shower and eye wash station should be available for emergency use. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye protection

Tightly fitting safety goggles. Face-shield.

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respirator is recommended. Positive-pressure supplied air respirators may be required for high airborne contaminant concentration. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

Wash contaminated clothing before reuse. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing. Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection.

Canadian Province Occupational Exposure Limits

Chemical name	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK
Hydrochloric Acid	-	-	-	-	-	-	-	-	-	-
Nonylphenol Ethoxylate	-	-	-	-	-	-	-	-	-	-
2-Methoxymethylethoxypropanol	100 ppm TWA 606 mg/m ³ TWA	100 ppm TWA	100 ppm TWA	100 ppm TWA 606 mg/m ³ TWA	100 ppm TWA	100 ppm TWA	100 ppm TWA	100 ppm TWA	100 ppm TWA 606 mg/m ³ TWA TWA	100 ppm TWA
Propargyl alcohol	1 ppm TWA 2.3 mg/m ³ TWA	1 ppm TWA	1 ppm TWA	1 ppm TWA 2.3 mg/m ³ TWA	1 ppm TWA	1 ppm TWA	1 ppm TWA	1 ppm TWA	1 ppm TWA TWA 2.3 mg/m ³ TWA TWA	1 ppm TWA
Ethanol	1000 ppm	-	-	1000 ppm	-	-	-	-	1000 ppm	1000 ppm

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Chemical name	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK
	TWA 1880 mg/m ³ TWA			TWA 1880 mg/m ³ TWA					TWAEV 1880 mg/m ³ TWAEV	TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Opaque, Pink
Odor	Pleasant
Odor threshold	No information available
pH	<1
Melting point/range °C	No data available
Melting point/range °F	No data available
Boiling point/range °C	210 °C
Boiling point/range °F	410 °F
Flash point °C / °F	None
Flash point method used	Not available
Evaporation rate	No data available
Flammability (Solid, Gas)	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.043
Solubility	completely soluble in water
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature °C	No data available
Autoignition temperature °F	No data available
Decomposition temperature °C	No data available
Decomposition temperature °F	No data available
Viscosity	<25 cP @ 25°C

10. STABILITY AND REACTIVITY

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Reactivity	Not available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal conditions of use.
Conditions to avoid	Exposure to air or moisture over prolonged periods.
Incompatible materials	Incompatible with strong acids and bases. Incompatible with oxidizing agents.
Hazardous decomposition products	Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Inhalation. Ingestion. Eyes.

Symptoms Harmful by inhalation. Breathing of vapor can cause respiratory irritation and inflammation. Breathing of mist or liquid can cause burns to the respiratory tract. Avoid contact with eyes. Corrosive to the eyes and may cause severe damage including blindness. Avoid contact with skin. Contact with skin may cause severe irritation and burns. Ingestion causes acute irritation and burns to the mucous membranes of the mouth, trachea, esophagus and stomach.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Possible risk of irreversible effects. Avoid repeated exposure. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Hydrochloric Acid	1.68 mg/L Rat	238 - 277 mg/kg Rat >5010 mg/kg Rabbit	238 - 277 mg/kg Rat > 5010 mg/kg Rabbit
Nonylphenol Ethoxylate	-	= 1310 mg/kg Rat = 2590 mg/kg Rat 1780 µL/kg Rabbit	2590 mg/kg Rat 1310 mg/kg Rat = 1780 µL/kg Rabbit = 2 mL/kg Rabbit
2-Methoxymethylethoxypropanol	-	= 5.35 g/kg Rat = 5400 µL/kg Rat 9500 mg/kg Rabbit	5.35 g/kg Rat = 9500 mg/kg Rabbit = 10 mL/kg Rabbit
Propargyl alcohol	1040 ppm Rat 1200 ppm Rat	= 110 mg/kg Rat = 20 mg/kg Rat = 55 mg/kg Rat 16 mg/kg Rabbit	55 mg/kg Rat 110 mg/kg Rat = 16 mg/kg Rabbit
Ethanol	124.7 mg/L Rat	= 7060 mg/kg Rat	7060 mg/kg Rat

ATEmix (dermal)	40156 mg/kg
ATEmix (oral)	2567 mg/kg
ATEmix (inhalation-gas)	6,166.42 ppm
ATEmix (inhalation-vapor)	Not available
ATEmix (inhalation-dust/mist)	5.48 mg/l

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Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA Carcinogens	NTP
Hydrochloric Acid	A4	Group 1 Group 3	Present	-
Nonylphenol Ethoxylate	-	-	-	-
2-Methoxymethylethoxypropanol	-	-	-	-
Propargyl alcohol	-	-	-	-
Ethanol	A3	Group 1	Present	Known carcinogen

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Hydrochloric Acid	-	-	ACGIH A4	-	ACGIH A4	-
Nonylphenol Ethoxylate	-	-	-	-	-	-
2-Methoxymethylethoxypropanol	-	-	-	-	-	-
Propargyl alcohol	-	-	-	-	-	-
Ethanol	-	-	ACGIH A3	ACGIH A4	ACGIH A3	-

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish LC50
Hydrochloric Acid	-	= 282mg/L <i>Gambusia affinis</i> 96h
Nonylphenol Ethoxylate	-	-
2-Methoxymethylethoxypropanol	-	> 10000mg/L <i>Pimephales promelas</i> 96h
Propargyl alcohol	-	1.49 - 1.56mg/L <i>Pimephales promelas</i> 96h
Ethanol	-	> 100mg/L <i>Pimephales promelas</i> 96h 13400 - 15100mg/L <i>Pimephales promelas</i> 96h 12.0 - 16.0mL/L <i>Oncorhynchus mykiss</i> 96h

Persistence and degradability Not available.**Bioaccumulation**

Chemical name	CAS-No	Partition coefficient (log Kow)	Bioconcentration factor (BCF)
Hydrochloric Acid 7647-01-0	7647-01-0	-	-
Nonylphenol Ethoxylate 9016-45-9	9016-45-9	-	-
2-Methoxymethylethoxypropanol 34590-94-8	34590-94-8	-0.064 at 20 °C	-
Propargyl alcohol 107-19-7	107-19-7	-	-
Ethanol	64-17-5	-0.32	-

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Chemical name	CAS-No	Partition coefficient (log Kow)	Bioconcentration factor (BCF)
64-17-5			

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

Contaminated packaging Do not reuse containers. Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No UN1760
Proper shipping name Corrosive Liquid, n.o.s. (Hydrochloric Acid)
Hazard Class(es) 8
Packing group II
Special Provisions LTD QTY

TDG

ID-No UN1760
Proper shipping name Corrosive Liquid, n.o.s. (Hydrochloric Acid)
Hazard Class(es) 8
Packing group II
Special Provisions LTD QTY

IATA

ID-No UN1760
Proper shipping name Corrosive Liquid, n.o.s. (Hydrochloric Acid)
Hazard Class(es) 8
Packing group II
Special Provisions LTD QTY

IMDG/IMO

ID-No UN1760
Proper shipping name Corrosive Liquid, n.o.s. (Hydrochloric Acid)
Hazard Class(es) 8
Packing group II
EmS No F-A, S-B
Special Provisions LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Hydrochloric Acid	7647-01-0	-	-	-
Nonylphenol Ethoxylate	9016-45-9	-	-	-
2-Methoxymethylethoxypropanol	34590-94-8	-	-	-
Propargyl alcohol	107-19-7	-	-	-
Ethanol	64-17-5	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of

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transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

15. REGULATORY INFORMATION**State regulations****U.S. state Right-to-Know regulations**

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Hydrochloric Acid	7647-01-0	X	X	X
Nonylphenol Ethoxylate	9016-45-9	-	-	-
2-Methoxymethylethoxypropanol	34590-94-8	X	X	X
Propargyl alcohol	107-19-7	X	X	X
Ethanol	64-17-5	X	X	X

California Prop. 65

WARNING: This product contains a chemical(s) known to the state of California to cause birth defects or other reproductive harm

Chemical name	CAS-No	California Prop. 65
Hydrochloric Acid	7647-01-0	-
Nonylphenol Ethoxylate	9016-45-9	-
2-Methoxymethylethoxypropanol	34590-94-8	-
Propargyl alcohol	107-19-7	-
Ethanol	64-17-5	Carcinogen Developmental

U.S. Federal Regulations**US EPA SARA 313**

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Hydrochloric Acid	7647-01-0	5000 lb 2270 kg	1.0 %
Nonylphenol Ethoxylate	9016-45-9	-	1.0 %
2-Methoxymethylethoxypropanol	34590-94-8	-	1.0 %
Propargyl alcohol	107-19-7	1000 lb 454 kg	1.0 %
Ethanol	64-17-5	-	-

US EPA SARA 311/312 hazardous categorization

Acute Health Hazard
Chronic Health Hazard

TSCA and Canadian Inventories

Chemical name	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification	DSL	NDSL

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Chemical name	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification	DSL	NDSL
Hydrochloric Acid	X	-	X	-
Nonylphenol Ethoxylate	X	X	X	-
2-Methoxymethylethoxypropano l	X	-	X	-
Propargyl alcohol	X	-	X	-
Ethanol	X	-	X	X

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health 3
 Flammability 0
 Instability 0

HMIS

Health 3
 Flammability 0
 Physical hazards 0
 Personal protection C

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by Regulatory Affairs

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Revision note

Key to abbreviations

- ACGIH (American Conference of Governmental Industrial Hygienists)
- ATE (Average Toxicity Estimate)
- DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
- HMIS (Hazardous Materials Identification System)
- IARC (International Agency for Research on Cancer)
- IATA (International Air Transport Association)
- IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
- NFPA (National Fire Protection Association)
- NTP (National Toxicology Program)
- OEL (Occupational Exposure Level)
- OSHA (Occupational Safety and Health Administration of the US Department of Labor)
- PEL (Permissible Exposure Limit)
- TSCA (Toxic Substance Control Act)
- USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and