Safety Data Sheet

Issue date 09-Jan-2020 **Revision date** 09-Jan-2020 **Revision Number** 1

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 https://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
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

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.

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 labelled containers. Incompatible with strong acids and bases. Incompatible with oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Hydrochloric Acid	5 ppm Ceiling 7 mg/m³ Ceiling	2 ppm Ceiling	-
Nonylphenol Ethoxylate	-	-	-
2-Methoxymethylethoxypropanol	Skin 100 ppm TWA 600 mg/m³ TWA	150 ppm STEL 100 ppm TWA Skin	150 ppm STEL 900 mg/m³ STEL 100 ppm TWA 600 mg/m³ TWA
Propargyl alcohol	-	1 ppm TWA Skin	1 ppm TWA 2 mg/m³ TWA
Ethanol	1000 ppm TWA 1900 mg/m³ TWA	1000 ppm STEL	1000 ppm TWA 1900 mg/m³ 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	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Hydrochloric Acid	2 ppm Ceiling 3 mg/m³ Ceiling	2ppmCeiling	2 ppm Ceiling	5 ppm Ceiling 7.5 mg/m³ Ceiling	2 ppm Ceiling	2 ppm Ceiling	2 ppm Ceiling	2 ppm Ceiling	5 ppm Ceiling 7.5 mg/m³ Ceiling	2 ppm Ceiling
Nonylphenol Ethoxylate	-	-	-	-	-	-	-	-	-	-
2-Methoxymethylethoxypropanol	150 ppm STEL 909 mg/m³	150ppmSTEL 100ppmTW	100 ppm TWA 150 ppm	150 ppm STEL 909 mg/m³	150 ppm STEL 100 ppm	150 ppm STEL 100 ppm	150 ppm STEL 100 ppm	150 ppm STEL 100 ppm	150 ppm STEV 909 mg/m³	150 ppm STEL 100 ppm

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
	STEL 100 ppm TWA 606 mg/m³ TWA	A	STEL	STEL 100 ppm TWA 606 mg/m³ TWA	TWA	TWA	TWA	TWA	STEV 100 ppm TWAEV 606 mg/m³ TWAEV	TWA
Propargyl alcohol	1 ppm TWA 2.3 mg/m³ TWA	1ppmTWA	1 ppm TWA	1 ppm TWA 2.3 mg/m³ TWA	1 ppm TWA	1 ppm TWA	1 ppm TWA	1 ppm TWA	1 ppm TWAEV 2.3 mg/m³ TWAEV	3 ppm STEL 1 ppm TWA
Ethanol	1000 ppm TWA 1880 mg/m³ TWA	1000ppmSTEL	1000 ppm STEL	1000 ppm TWA 1880 mg/m³ TWA	1000 ppm STEL	1000 ppm STEL	1000 ppm STEL	1000 ppm STEL	1000 ppm TWAEV 1880 mg/m³ TWAEV	1250 ppm STEL 1000 ppm 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

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) 1 h	> 5010 mg/kg (Rabbit)	238 - 277 mg/kg (Rat)
Nonylphenol Ethoxylate	-	= 1780 µL/kg (Rabbit) = 2 mL/kg (Rabbit) = 1800 µL/kg (Rabbit) = 2830 µL/kg (Rabbit)	= 1310 mg/kg (Rat) = 2590 mg/kg (Rat) = 1300 mg/kg (Rat) = 1410 µL/kg (Rat)
2-Methoxymethylethoxypropanol	-	= 9500 mg/kg (Rabbit) = 10 mL/kg (Rabbit)	= 5.35 g/kg (Rat) = 5400 µL/kg (Rat)
Propargyl alcohol	= 1040 ppm (Rat) 1 h = 1200 ppm (Rat) 1 h	= 16 mg/kg (Rabbit)	= 110 mg/kg (Rat) = 20 mg/kg (Rat) = 55 mg/kg (Rat)
Ethanol	= 124.7 mg/L (Rat) 4 h	-	= 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

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Hydrochloric Acid	A4	Group 1 Group 3	Listed	-
Nonylphenol Ethoxylate	-	-	-	-
2-Methoxymethylethoxypropanol	-	-	-	-
Propargyl alcohol	-	-	-	-
Ethanol	A3	Group 1	Listed	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-Methoxymethylethoxy propanol	-	-	-	-	-	-
Propargyl alcohol	-	-	-	-	-	-
Ethanol	-	-	ACGIH A3	ACGIH A4	ACGIH A3	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Hydrochloric Acid	7647-01-0	-

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

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	-	-	-

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
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 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

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Hydrochloric Acid	X	X	-
Nonylphenol Ethoxylate	X	X	X
2-Methoxymethylethoxypropanol	X	X	-
Propargyl alcohol	X	X	-
Ethanol	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 Orgnaization)
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 suitable to their circumstances.

End of Safety Data Sheet