

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	: GLO-1 GOODSON GLOW Cleaner
Product code	: G1201CT Aerosol
Recommended Use	: For the detection of cracks in aluminum cylinder heads.
Restrictions	: None identified.
Distributor	: Goodson Manufacturing Company 156 Galewski Drive Winona, MN 55987-0847 - USA T 507-452-1830 F 507-452-2907
Emergency number	: 800-924-6804 (24 hours)

#### SECTION 2: Hazard(s) Identification

##### Classification of the Substance or Mixture

Health Hazards	: Skin Irritation : 2 Eye Irritation : 2 Carcinogenicity : 2 STOT SE : 3 Aspiration Hazard : 1
Physical Hazards	: Aerosol : 1 Gas Under Pressure : X

##### Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

Hazard statements (GHS-US)

: Danger  
: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer.

Precautionary statements (GHS-US) : Keep out of reach of children.

Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing dust/fumes/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response

: If swallowed: Immediately call a poison center or doctor.

If on skin: Wash with plenty of water. If skin irritation persists, get medical advice. Take off contaminated clothing and wash it before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.

If exposed or concerned: Get medical advice/attention. Call a poison control center or doctor if you feel unwell.

Storage

: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

## SECTION 2: Hazard(s) Identification (CONT.)

- Disposal : Dispose of contents/container in accordance with local regulations.
- Hazards Not Otherwise Classified : None identified.
- Unknown Acute Toxicity : 0% by weight.

## SECTION 3: Composition/Information on Ingredients

ID	Ingredient	CAS Number	% Weight Range*
1	Stoddard Solvent	0008052-41-3	15 - 40
2	Propane	0000074-98-6	10 - 30
3	Xylene	0001330-20-7	10 - 30
4	Isopropanol	0000067-63-0	10 - 30
5	Acetone	0000067-64-1	7 - 13
6	Methyl Ethyl Ketone	0000078-93-3	5 - 10
7	Ethyl Benzene	0000100-41-4	3 - 7
8	Propylene Glycol Mono Methyl Ether Acetate	0000108-65-6	1 - 5

\* Exact percentages of composition withheld as trade secret

## SECTION 4: First Aid Measures

### Description of Necessary First Aid Measures

- General Advice : If exposed or concerned, seek medical advice/attention.
- Eye Contact : Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.
- Skin Contact : Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.
- Ingestion : Do not induce vomiting. Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Consult a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing.
- Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.
- First Aid Responder Protection : Wear adequate personal protective equipment based on the nature and severity of the emergency.

### Most Important Symptoms and Effects, Both Acute and Delayed

- Eye Contact : Liquid contact may cause pain along with moderate eye irritation.
- Skin Contact : Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.
- Ingestion : Due to being an aerosol, the product does not lend itself to ingestion. However, should ingestion occur, it may cause irritation to the membranes of the mouth, throat and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation and possible chemical pneumonitis, bronchopneumonia or pulmonary edema.
- Inhalation : Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing and dyspnea are also possible.

### SECTION 4: First Aid Measures (cont.)

#### Indications of Immediate Medical Attention and Special Treatment

- Notes to Physician : Stoddard Solvent sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmia in exposed individuals. Use of sympathomimetic drugs should be avoided. If ingested, the material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left later lateral decubitus position.
- Specific Treatments/Antidotes : No information available.
- Immediate Medical Attention : No information available.

### SECTION 5: Fire-Fighting Measures

- Suitable Extinguishing Media** : Water, Carbon Dioxide (CO<sub>2</sub>), dry chemical or universal aqueous film forming foam.
- Unsuitable Extinguishing Media** : Water jet.
- Decomposition Products** : Oxides of Carbon (CO, CO<sub>2</sub>), smoke and/or vapors.
- Hazards from the Product** : CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. In a fire or if heated, a pressure increase will occur which may result in the container bursting. Vapors heavier than air may spread along the ground, traveling to an ignition source.

#### Advice for firefighters

- Protective Actions : Use water spray to cool fire exposed containers as contents may rupture violently from heat-developed pressure.
- Protective Equipment : As with any fire, wear SCBA pressure-demand, MSHA/NIOSH approved, and full protective gear.

### SECTION 6: Accidental Release Measures

#### Personal Precautions, Protective Equipment and Emergency Procedures

- For Non-Emergency Personnel : No action should be taken by non-emergency personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
- For Emergency Responders : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel.
- Environmental Precautions** : Keep out of drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination.

#### Methods and Materials for Containment and Cleaning up

- Containment Procedures : Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released contents may be contained with oil/solvent absorbent pads, socks and/or absorbents. DO NOT use combustible material such as sawdust.
- Cleanup Procedures : Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate the area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
- Other Information : Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture, contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.
- Prohibited Materials : Combustible absorbent materials such as sawdust; use of equipment that may cause sparking.

## SECTION 7: Handling and Storage

- General Handling Precautions : KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing vapors. Do not incinerate (burn) containers. Always replace cap when not in use. Avoid using around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.
- Hygiene Recommendations : Do not eat, drink or smoke while using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.
- Storage Requirements : Storage of individual cans should be done in an area below 50°C/122°F and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.
- Incompatibilities : Segregate storage away from materials indicated in Section 10.

## SECTION 8: Exposure controls/personal protection

### Occupational Exposure Limits

ID	OSHA				NIOSH			TLV	ACGIH		AIHA
	PEL	STEL	CEILING	IDLH	REL	STEL	CEILING		STEL	CEILING	
1	500 ppm	–	–	20000 mg/m3	350 mg/m3	–	1800 mg/m3	100 ppm	–	–	–
2	1000 ppm	–	–	2100 ppm	1000 ppm	–	–	1000 ppm	–	–	–
3	100 ppm	–	–	900 ppm	100 ppm	150 ppm	–	100 ppm	150 ppm	–	–
4	400 ppm	–	–	2000 ppm	400 ppm	500 ppm	–	200 ppm	400 ppm	–	–
5	1000 ppm	–	–	2500 ppm	250 ppm	–	–	500 ppm	750 ppm	–	–
6	200 ppm	–	–	3000 ppm	200 ppm	300 ppm	–	200 ppm	300 ppm	–	–
7	100 ppm	–	–	800 ppm	100 ppm	125 ppm	–	20 ppm	–	–	–

### Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
3	Methylhippuric Acids in Urine	End of Shift	1.5 g/g creatinine	–
4	Acetone in Urine	End of Shift at End of Workweek	40 mg/L	Ns, B
5	Acetone in Urine	End of Shift	50 mg/L	Ns
6	MEK in Urine	End of Shift	2 mg/L	–
7	Sum of Mandelic Acid & Pheyl Glyoxylic Acid In Urine	End of Shift at End of Workweek	0.7 g/g creatinine	Ns, Sq

- Other Control Parameters : Not available
- Engineering Measures : Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or any enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
- Hygiene Considerations : Avoid breathing vapors and contact with the skin and eyes. Always replace cap when not in use. Keep out of the reach of children. Wash hands after use.
- Thermal Protection : This product does not present a thermal hazard.
- Respiratory Protection : An approved respirator with organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupation exposure limits. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
- Skin Protection : For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

### SECTION 8: Exposure controls/personal protection (cont.)

- Eye/Face Protection : Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical-splash-proof goggles are recommended.
- Other Protective Equipment : Safety showers and eye wash stations should be available in the workplace near where the material will be used.

### SECTION 9: Physical and Chemical Properties

- Boiling Point : > 56.1°C / 133°F
- Melting / Freezing Point : > -95.3°C / -139.6°F
- Flash Point, Liquid : > -17.0°C / 1.4°F
- Flash Point Propellant : -104°C / -156.0°F
- Explosive Limits : 0.80% - 13.00%
- Autoignition Temperature, Liquid : 260.0°C / 500.0°F
- Flammability : Extremely Flammable Aerosol
- Relative Density (H<sub>2</sub>O - 1) : 0.725 g/cc
- Molecular Weight : Not Available
- Weight : 6.048 lbs. / gal.
- Vapor Pressure : 108.00 psig
- Vapor Density : 4.600 g/cc Maximum
- pH : Not Available
- Evaporation Rate : Not Available
- Form : Pressurized Product
- Partition Coefficient : Not Available
- Viscosity : Not Available
- Refractive Index : Not Available
- Odor Threshold : Not Available
- Odor : Light Naphtha Odor
- Appearance / Color : Clear Color
- Heat of Combustion ( $\Delta H_c$ ) : 17,047.004 BTU/lb
- Water Solubility : Not Available
- Decomposition Temperature : Not Available
- Percent Volatile : 100% Wt (100% Vol) Max
- Percent VOC : 90% Wt (91% Vol) Max
- VOC Regulatory : 5.987 lbs/gal (717.415 g/L)
- VOC Actual : 5.443 lbs/gal (652.201 g/L)
- Percent HAP : 20% Wt (17% Vol) Max
- HAP Content : 1.21 lbs/gal (144.934 g/L)
- Solids/Non Volatile Content : None
- Maximum Incremental Reactivity : 2.242 g O<sub>3</sub>/g
- Global Warming Potential : 0.677

### SECTION 10: Stability and reactivity

- Reactivity : No specific test data related to reactivity is available for this product or its ingredients
- Chemical Stability : Product is stable.
- Hazardous Reactions : Under normal storage and use conditions, hazardous reactions are not expected to occur.
- Conditions to Avoid : Keep away from heat, sparks, flame and red hot metal.
- Incompatible Materials : Acetaldehyde, Acids, Activated Carbon, Alkali Metals, Amines, Ammonia, Bases, Chlorine, Copper, Dichlorohydranton, Ethylene Oxide, Halogens, Hexachloromelamine, Hydrogen Peroxide, Isocyanates, Isoprene, Nitric Acid, Potassium Tert-Butoxide, Pyridines, Strong Acids, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Trichloromelamine, Trinitromethane
- Decomposition Products : Oxides of Carbon, Acetic Acid, Aldehydes, Formaldehyde fumes, Hydrogen Peroxide, Methanol may be formed depending on fire conditions.

### SECTION 11: Toxicological Information

- Acute Toxicity Estimates (mixture) : Oral LD<sub>50</sub> : 4597 mg/kg  
Dermal LD<sub>50</sub> : 5132 mg/kg  
Inhalation LC<sub>50</sub> : 266 mg/L 4-hour

#### Acute Toxicity on Ingredients

ORAL LD50			DERMAL LD50		INHALATION LC50		
ID	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	> 5000 mg/kg	rat	> 3000 mg/kg	rabbit	> 5500 mg/m3	4h	rat
2	–	–	–	–	658 mg/L	4h	rat
3	4300 mg/kg	rat	4500 mg/kg	rabbit	6700 mg/L	4h	rat
4	4720 mg/kg	rat	12890 mg/kg	rabbit	17000 ppm	4h	rat
5	5800 mg/kg	rat	20000 mg/kg	rabbit	76mg/m3	4h	rat
6	2740 mg/kg	rat	> 8050 mg/kg	rat	11300 ppm	4h	rat
7	4720 mg/kg	rat	15500 mg/kg	rabbit	4000 ppm	4h	rat
8	8532 mg/kg	rat	7500 mg/kg	rabbit	> 5320 ppm	4h	rat

#### Health Hazard Classification

- Skin Corrosion/Irritation : Category 2
- Eye Damage/Irritation : Category 2
- Respiratory Irritation : Classification criteria not met.
- Respiratory/Skin Sensitization : Classification criteria not met.
- Germ Cell Mutagenicity : Classification criteria not met.
- Reproductive Toxicity : Classification criteria not met.
- STOT - Single Exposure : Category 3
- STOT - Repeated Exposure : Classification criteria not met.
- Aspiration Hazard : Category 1
- Carcinogen Data : ID Calif. Prop-65 OSHA NIOSH ACGIH NTP IARC

ID	Calif. Prop-65	OSHA	NIOSH	ACGIH	NTP	IARC
7	Yes	–	–	A3	–	2B

- Likely Routes of Exposure : Skin Contact, Skin Absorption, Eye Contact, Inhalation

#### Information on Physical, Chemical and Toxicological Effects

- Symptoms of Exposure : Abdominal Cramps, Asphyxia, Central Nervous System Depression, Chemical Pneumonitis, Coma, Confusion, Cough, Dermatitis, Diarrhea, Dizziness, Drowsiness, Dry Cracking Skin, Excitation, Skin Irritation, Staggering Gait, Throat Irritation, Vomiting

## SECTION 11: Toxicological Information (cont.)

### Delayed & Immediate Effects & Chronic Effects from Short- & Long-Term Exposure

- Delayed Effects : No known delayed effects.
- Immediate Effects : No known immediate effects.
- Chronic Effects : Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal. Stoddard Solvent, when ingested with subsequent aspiration into the lungs, may cause pneumatocele (lung cavity) formation and chronic lung dysfunction.
- Medical Conditions Aggravated : May aggravate personnel with pre-existing disorders associated with any of the target organs.
- Target Organs : Blood, Central Nervous System, Eyes, Gastrointestinal Tract, Kidneys, Liver, Respiratory System, Skin

## SECTION 12: Ecological Information

### Acute Aquatic Toxicity

FISH				INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
ID	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD
3	LC <sub>50</sub>	26.7 mg/L	96h	LC <sub>50</sub>	14 mg/L	24h	–	–	–	–	–	–
4	LC <sub>50</sub>	9460 mg/l	96h	EC <sub>50</sub>	>10000 mg/L	24h	EC <sub>50</sub>	>1000 mg/L	72h	LOEC	4930 mg/L	72h
5	LC <sub>50</sub>	5549 mg/L	96h	EC <sub>50</sub>	6100 mg/L	48h	IC <sub>5</sub>	530 mg/L	8d	EC <sub>5</sub>	1700 mg/L	16h
6	LC <sub>50</sub>	5600 mg/L	96h	EC <sub>50</sub>	5091 mg/L	48h	IC <sub>5</sub>	>4300 mg/L	7d	EC <sub>5</sub>	1150 mg/L	16h
7	LC <sub>50</sub>	97.1 mg/L	96h	LC <sub>50</sub>	77 mg/L	24h	EC <sub>50</sub>	63 mg/L	3h	EC <sub>50</sub>	130 mg/L	48h
8	LC <sub>50</sub>	180 mg/L	96h	EC <sub>50</sub>	408 mg/L	48h	IC <sub>50</sub>	>1000 mg/L	72h	EC <sub>20</sub>	>1000 mg/L	30m

### Ecological Data

PERSISTENCE & DEGRADABILITY					BIOACCUMULATIVE POTENTIAL		MOBILITY
ID	PERSISTENCE	BOD	COD	ThOD	Pow/Kow	BCF	Koc
1	–	–	–	–	3.16 log Kow	–	–
2	–	–	–	–	2.36 log Pow	1.47 log BCF	2.36 log Koc
3	–	0.64 mg/L	–	2410 mg/g	3.271 log Pow	2.2557 log BCF	3.156 log Koc
4	–	–	–	2400 mg/g	0.05 log Kow	3.162 log BCF	0.122 log Koc
5	90.9% / 28d	1.85 mg/g / 5d	1.92 mg/L	2.21 mg/L	-0.24 log Pow	0.69 log BCF	1.26 log Koc
6	–	2030 mg/g	2310 mg/g	2440 mg/g	0.29 log Pow	1.34 log BCF	0.72 log Koc
7	–	1780 mg/g	–	3170 mg/g	3.15 log Pow	1.18 log BCF	2.4 log Koc
8	–	360 mg/g	1740 mg/g	1820 mg/g	0.56 log Pow	0.01 log BCF	0.36 log Koc

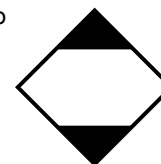
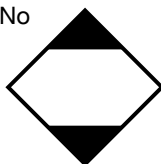
- Other Adverse Effects : No additional information available.

## SECTION 13: Disposal Considerations

- Waste Disposal : Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state and/or local regulations.
- Waste Disposal of Packaging : An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.
- Landfill Precautions : Not available.
- Incineration Precautions : **\*\*DO NOT INCINERATE\*\*CONTENTS UNDER PRESSURE\*\***

#### SECTION 14: Transport Information

Transportation Information	Ground Transportation (DOT)	Air Transportation (IATA)	Ocean Transportation (IMDG)
UN Number	UN1950	UN1950	UN1950
Proper Shipping Name	Aerosols, Limited Quantity	Aerosols, Flammable, Limited Quantity	Aerosols, Limited Quantity
Hazard Class(es)	2.1	2.1	2.1
Packaging Group	—	—	—
Marine Pollutant	No	No	No



#### SECTION 15: Regulatory Information

##### Federal Regulations

	TSCA	SARA 302		SARA 311/312							CLEAN AIR ACT		CLEAN	
ID	LISTED	EHS	TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	ACUTE	CHRONIC	PRESSURE	HAP	SOCMI	WATER ACT
1	Yes	—	—	—	—	—	—	—	Yes	—	—	—	—	—
2	Yes	—	—	—	—	—	Yes	—	—	—	—	—	—	—
3	Yes	—	—	U239	100	16%	Yes	—	Yes	—	—	Yes	Yes	100
4	Yes	—	—	—	—	15%	Yes	—	Yes	—	—	—	—	—
5	Yes	—	—	U002	5000	—	Yes	—	Yes	—	—	—	—	—
6	Yes	—	—	D035,U159	5000	—	Yes	—	Yes	—	—	—	—	—
7	Yes	—	—	—	1000	4%	Yes	—	Yes	—	—	Yes	Yes	1000 (PP)
8	Yes	—	—	—	—	—	Yes	—	—	—	—	—	—	—

##### US State regulations

	CA	DE	MA	ME	MN	NJ	NY	PA	WA	WI	WV						
ID	P-65	RQ	RTK CODES	TYPE	RQ	RTK	AIR	WATER	RTK	AIR	LAND	ACUTE	LISTED	PEL	TWA	TABLE	TAP
1	—	—	2,4	—	—	ANO	—	—	—	—	—	—	Yes	100 ppm	A	—	
2	—	F1000**	2,4,5,6	—	—	AP	—	—	Yes	—	—	—	Yes	1000 ppm	—	—	
3	—	100	2,4, F8 F9	—	2000	ANO	Yes	—	Yes	100	1	—	Yes-E	100 ppm	A	—	
4	—	—	2,4,5,6 F9	—	20000	ANO	—	—	Yes	—	—	—	Yes-E	400 ppm	—	—	
5	—	5000	2,4,5,6 F8 F9	—	20000	AON	—	—	—	5000	1	—	Yes-E	750 ppm	—	—	
6	—	5000	2,4,5,6 F8 F9	—	2000	ANO	Yes	—	Yes	5000	1	—	Yes-E	—	—	—	
7	C	1000	2,4,5,6 F7 F8 F9	—	2000	AO	Yes	Yes	Yes	1000	1	—	Yes-E	100 ppm	A	—	



# GOODSON

**Tools and Supplies for Engine Builders**

156 Galewski Drive • P.O. Box 847 • Winona, MN 55987-0847

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## GLO-1 GOODSON GLOW CLEANER

### Safety Data Sheet

Date of Issue: 3/28/2016, Version 7.0

Supersedes SDS dated 12/20/2013

#### SECTION 16: Other Information

- SDS Revision History : Revision 2, 11/12/2002, General Update  
Revision 3, 09/10/2009, Update to GHS Compliant MSDS  
Revision 4, 05/22/2012, Date Change  
Revision 5, 12/20/2013, Updated to GHS Version 5 Format  
Revision 6, 04/22-2015, Amended to GHS Version 3 Format  
Revision 7, 03/28/2016, General Updates
- SDS Compliance : This SDS complies with the below listed regulations only. For SDS that comply with other countries, please contact the Regulatory Department at [msds@chem-pak.com](mailto:msds@chem-pak.com).  
OSHA Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200.  
Globally Harmonized System of Classification and Labeling of Chemical (GHS) Revision 3
- Disclaimer : The information contained herein is based upon data provided to us by our suppliers and reflects our best judgment. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.

End of Safety Data Sheet