

MATERIAL SAFETY DATA SHEET**INDUSCO**
*Heavy Duty Degreaser***1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER: Indusco Chemical
P.O. Box 7719
Salem, OR 97303

INFORMATION PHONE: (800) 456-4743

For Medical and Chemical Emergencies **CHEMTREC 1-800-424-9300**

PRODUCT NAME: Heavy Duty Degreaser
PRODUCT NUMBER: GL-91
DATE PREPARED: 06/21/07
LAST REVISION: 10/07/2013

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	OSHA PEL	ACGIH TLV	Range wt
ETHANOLAMINE	141435	PEL = 3 ppm(6mg/M3)	STEL = 6 ppm(15 mg/M3) TLV = 3ppm(7.5 mg/M3)	1 - 4 %
SODIUM SILICATE	6834920	N/A	N/A	1 - 3 %
2-BUTOXY ETHANOL	111762	PEL = 50 ppm(240mg/M3) (SKIN)	TLV = 25ppm(121 mg/M3) SKIN	1 - 8 %

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: Corrosive

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Can cause severe eye irritation
INHALATION: Irritating to the nose, throat, and respiratory tract.
INGESTION: Swallowing the liquid can be irritating to the gastrointestinal tract.
SKIN CONTACT: May cause irritation.

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation, pain, coughing, redness of skin.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Hold eyelids open while flushing the eyes. Get medical attention.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
INGESTION: If swallowed, dilute with water and get medical attention. Never give anything by mouth to an unconscious or convulsing person.
SKIN CONTACT: Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.

AGGRAVATED MEDICAL CONDITIONS:

Pre-existing skin or respiratory conditions. Repeated overexposure may cause kidney and liver exposure.

SUPPLEMENTAL HEALTH INFORMATION:

The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

5. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES**

FLASH POINT: >200 deg F
AUTOIGNITION: Not Available
FLASH POINT METHOD USED: PMCC
LEL: **UEL:**

EXTINGUISHING MEDIA:

Water fog, dry chemical foam or carbon dioxide. Use extinguishing media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with full face piece operated in a pressure positive mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

COMBUSTION PRODUCTS:

N/A

6. ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Keep out of water supply.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Protect from freezing. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

OTHER PRECAUTIONS:

For industrial use only. Keep away from children. Keep containers closed while not in use.

8. EXPOSURE CONTROL/PERSONAL PROTECTION**PERSONAL PROTECTIVE EQUIPMENT**

RESPIRATORY PROTECTION:	Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.
PROTECTIVE GLOVES:	Rubber or other impervious material with gauntlets.
VENTILATION:	Local exhaust sufficient to keep exposure below TLV.
WORK / HYGIENIC PRACTICES:	Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.
ENGINEERING CONTROLS:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
EYE PROTECTION:	Safety glasses with side shields (or goggles).
EXPOSURE GUIDELINES:	N/A
OTHER PROTECTIVE EQUIP:	Boots, apron, lab coat or coveralls of impervious material, safety shower, eyewash.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	
APPEARANCE AND ODOR:	Clear, dark blue liquid. Glycol ether odor.	
SOLUABILITY IN WATER:	Complete	
BOILING POINT:	198 deg F	PH: 12.5 +/- 0.5
VAPOR PRESSURE:	Not Available	VAPOR DENSITY: N/A
SPECIFIC GRAVITY:	1.04	POUNDS PER GALLON: 8.6
MELTING POINT:	N/A	OTHER PROPERTIES: N/A

10. STABILITY AND REACTIVITY

STABLE: Stable

CONDITIONS TO AVOID:

None known.

INCOMPATIBILITY:

Strong acidic and strong oxidizing compounds

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID:

None Known

11. TOXICOLOGICAL INFORMATION N/A**12. ECOLOGICAL INFORMATION** Keep out of waterways

13. DISPOSAL CONSIDERATIONS Dilute with large amounts of water, neutralize with dilute acid, and dispose to municipal or industrial waste treatment facility in accordance with applicable regulations.

14. TRANSPORT INFORMATION

DOT CLASS: Non-Regulated Material, Liquid

HAZARD CLASS:

UN NUMBER:

PACKING GROUP:

GUIDE NUMBER:

PROPER SHIPPING NAME: Non-Regulated Material, Liquid

15. REGULATORY INFORMATION No information available.**16. OTHER INFORMATION**

HMS INFORMATION:	HEALTH: 1	FLAMMABILITY: 0	REACTIVE: 0	PROTECTIVE: B
NFPA INFORMATION:	TOXICITY: 1	FIRE: 0	REACTIVITY: 0	SPECIAL: C

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SAFETY DATA SHEET

Ready to Use Glass Cleaner

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Indusco Chemical
P.O. Box 7719
Salem, OR 97303

INFORMATION PHONE: (800) 456-4743

Recommended Uses: Windows, Mirrors,
Windshields, headlights.

For Medical and Chemical Emergencies **CHEMTREC: 1-800-424-9300**

PRODUCT NAME: Ready to Use Glass Cleaner
PRODUCT NUMBER: G-178BL
DATE PREPARED: 06/12/07
LAST REVISION: 04/17/2014

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

GHS CLASSIFICATION: Combustible! (Category 4) Skin: (Category 4) Eyes: (Category 2b) Acute Toxicity Oral: (Category 5)

GHS Label elements, including precautionary statements

SIGNAL WORD: Warning **PICTOGRAM:** No Symbol

HAZARD STATEMENT(S):

H303: May be harmful if swallowed
H316: Causes mild skin irritation
H320: Causes eye irritation

PRECAUTIONARY STATEMENT(S):

P102: Keep out of reach of children
P262: Do not get in eyes, on skin, or on clothing

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Range Wt. %
ISOPROPAL ALCOHOL	67630	11 - 16%

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

INGESTION: If swallowed, induce vomiting immediately, as directed by medical personnel. Never give anything by mouth to an unconscious or convulsing person. Get medical attention immediately.

SKIN CONTACT: Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing eye, skin or respiratory conditions.

SUPPLEMENTAL HEALTH INFORMATION: The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 184 deg F
AUTOIGNITION: N/A

FLASH POINT METHOD USED: TOC
LEL: N/A **UEL:** N/A

EXTINGUISHING MEDIA: Use dry chemical foam, carbon dioxide, or water spray when fighting fires involving this material-

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with full-face piece operated in a pressure positive mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Extinguish all nearby sources of ignition. Product is flammable.

COMBUSTION PRODUCTS: N/A

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Keep out of water supply.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store below 120 degrees F. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

OTHER PRECAUTIONS: For industrial use only. Keep away from children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
ISOPROPYL ALCOHOL	400ppm		400ppm	

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:	Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.
PROTECTIVE GLOVES:	Rubber or other impervious material
VENTILATION:	Local exhaust sufficient to keep exposure below TLV.
WORK / HYGENIC PRACTICES:	Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.
ENGINEERING CONTROLS:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
EYE PROTECTION:	Safety glasses with side shields (or goggles).
EXPOSURE GUIDELINES:	N/A
OTHER PROTECTIVE EQUIP:	Boots, apron, lab coat or coveralls of impervious material, safety shower, eyewash.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid	
APPEARANCE AND ODOR: Clear Blue liquid. Fresh Scent.	
SOLUABILITY IN WATER: Complete	
BOILING POINT: 200 degrees F	EVAPORATION RATE: >1
VAPOR PRESSURE: >15	VAPOR DENSITY: (AIR=1): >1
SPECIFIC GRAVITY: 0.98	POUNDS PER GALLON: 8
MELTING POINT: N/A	OTHER PROPERTIES: N/A

10. STABILITY AND REACTIVITY

STABLE: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY: None known
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of Carbon
HAZARDOUS POLYMERIZATION: Will Not Occur
CONDITIONS TO AVOID: None

11. TOXICOLOGICAL INFORMATION N/A**12. ECOLOGICAL INFORMATION** N/A**13. DISPOSAL CONSIDERATIONS**

Dilute with large amounts of water and dispose to municipal or industrial waste treatment facility in accordance with applicable regulations.

14. TRANSPORT INFORMATION

DOT CLASS: Non-Regulated Material, Liquid
HAZARD CLASS:
UN NUMBER:
PACKING GROUP:
GUIDE NUMBER:
PROPER SHIPPING NAME: Non-Regulated Material, Liquid

15. REGULATORY INFORMATION No information available.**16. OTHER INFORMATION**

HMS INFORMATION:	HEALTH: 1	FLAMMABILITY: 0	REACTIVE: 0	PROTECTIVE: B
NFPA INFORMATION:	TOXICITY: 1	FIRE: 0	REACTIVITY: 0	SPECIAL: N

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MATERIAL SAFETY DATA SHEET*Cherry Scented
Wash & Wax***1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER: Indusco Chemical
P.O. Box 7719
Salem, OR 97303

INFORMATION PHONE: (800) 456-4743

For Medical and Chemical Emergencies **CHEMTREC: 1-800-424-9300**

PRODUCT NAME: Cherry Scented Wash & Wax
PRODUCT NUMBER: GL-269
DATE PREPARED: 06/12/07
LAST REVISION: 02/18/2013

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	OSHA PEL	ACGIH TLV	Weight %
No Ingredients in This Product Are Listed As Hazardous.				

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: May cause irritation
INHALATION: Irritating to the nose, throat, and respiratory tract.
INGESTION: May cause irritation.

SKIN CONTACT: May cause skin irritation

SIGNS AND SYMPTOMS OF EXPOSURE: N/A

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
INGESTION: If swallowed, do NOT induce vomiting. Give victim lots of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious or convulsing person.
SKIN CONTACT: Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.

AGGRAVATED MEDICAL CONDITIONS:

Pre-existing eye, skin or respiratory conditions.

SUPPLEMENTAL HEALTH INFORMATION:

The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

5. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES**

FLASH POINT: FLASH POINT METHOD USED: N/A
AUTOIGNITION: N/A LEL: UEL:

EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with full face piece operated in a pressure positive mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

COMBUSTION PRODUCTS:

N/A

6. ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Keep out of water supply.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Protect from freezing. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

OTHER PRECAUTIONS:

For industrial use only. Keep away from children.

GL-269 / Cherry Scented Wash & Wax

8. EXPOSURE CONTROL/PERSONAL PROTECTION**PERSONAL PROTECTIVE EQUIPMENT**

RESPIRATORY PROTECTION: N/A
PROTECTIVE GLOVES: Rubber or other impervious material with gauntlets.
VENTILATION: Local exhaust sufficient to keep exposure below TLV.
WORK / HYGENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.
ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
EYE PROTECTION: Safety glasses with side shields (or goggles).
EXPOSURE GUIDELINES: N/A
OTIHER PROTECTIVE EQUIP: Boots, apron, lab coat or coveralls of impervious material, safety shower, eyewash.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOR: Viscous blue/green opaque liquid with a cherry scent.
SOLUABILITY IN WATER: Complete
BOILING POINT: 100 deg C
VAPOR PRESSURE: 1.0
SPECIFIC GRAVITY:
MELTING POINT: N/A
PH: 6.5 - 7
VAPOR DENSITY: N/A
POUNDS PER GALLON: 8.3
OTHER PROPERTIES: N/A

10. STABILITY AND REACTIVITY

STABLE: Stable
CONDITIONS TO AVOID:
 None
INCOMPATIBILITY:
 Oxidizers
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
 None known
HAZARDOUS POLYMERIZATION: Will Not Occur
CONDITIONS TO AVOID:
 None

11. TOXICOLOGICAL INFORMATION N/A**12. ECOLOGICAL INFORMATION** N/A

13. DISPOSAL CONSIDERATIONS Dilute with large amounts of water and dispose to municipal or industrial waste treatment facility in accordance with applicable regulations.

14. TRANSPORT INFORMATION

DOT CLASS: Non-Regulated Material, Liquid
HAZARD CLASS: N/A
UN NUMBER: N/A
PACKING GROUP: N/A
GUIDE NUMBER: N/A
PROPER SHIPPING NAME: Non-Regulated Material, Liquid

15. REGULATORY INFORMATION No information available.**16. OTHER INFORMATION**

HMS INFORMATION: HEALTH: 1 FLAMMABILITY: 0 REACTIVE: 0 PROTECTIVE: B
NFPA INFORMATION: TOXICITY: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: N

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GL-269 / Cherry Scented Wash & Wax