

Safety Data Sheet

Section 1: Identification

Product identifier

Product Name	• IES Super Windshield Washer Tablets
Synonyms	• 9000
Product Code	• 9000; 9001; 9002

Relevant identified uses of the substance or mixture and uses advised against

Recommended use	• Read product label for use directions
Restrictions on use	• This product is for use in areas where temperatures are greater than the freezing point of water (> +32 F). IES Super Windshield Washer Tablets do not provide any form of antifreeze protection, failure to use tablets as directed may result in damage to the windshield washer system if the liquid freezes.

Details of the supplier of the safety data sheet

Manufacturer	• International Epoxies & Sealers 30241 Commerce Drive San Antonio, FL 33576 United States http://www.useies.com
Telephone (General)	• 352-588-0768

Emergency telephone number

Manufacturer	• 1-800-535-5053 - (INFOTRAC US and Canada)
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Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012	• Skin Irritation 2 Skin Sensitization 1 Eye Irritation 2
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Label elements

OSHA HCS 2012

WARNING



Hazard statements	• Causes skin irritation May cause an allergic skin reaction Causes serious eye irritation
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Precautionary statements

Prevention • Avoid breathing mists, vapours, and/or spray.
 Wash thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.

Response • If on skin: Wash with plenty of water .
 Take off contaminated clothing and wash before reuse.
 Specific treatment, see supplemental first aid information.
 If skin irritation or rash occurs: Get medical advice/attention.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.

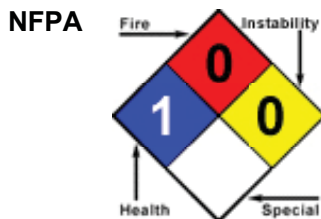
Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Other information



Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition				
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive
Ethoxylated fatty alcohols	NDA	0% TO 2%	NDA	OSHA HCS 2012: Eye Dam. 1
Alkoxylated alcohols	NDA	0% TO 1%	NDA	OSHA HCS 2012: Skin Irrit. 2

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion • Do NOT induce vomiting. Obtain medical attention immediately if ingested.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO₂, water spray or regular foam.

Unsuitable Extinguishing Media • No data available.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Poses no unusual fire or explosion hazard.

Hazardous Combustion Products • No data available.

Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • Ventilate enclosed areas. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE) Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures • As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Stay upwind. Keep unauthorized personnel away. Ventilate closed spaces before entering.

Environmental precautions

- Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Stop leak if you can do it without risk.
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
LARGE SPILLS: Dike far ahead of spill for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Use only with adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours and/or spray. Avoid contact with

skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

- Storage**
- Keep container closed. Store in a cool, dry, well-ventilated place. Do not store in unmarked containers or storage devices.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Proprietary (Proprietary)	STELs	Not established	Not established	5 ppm STEL (see 29 CFR 1910.1047)
	TWAs	1 ppm TWA	0.1 ppm TWA (less than stated value); 0.18 mg/m ³ TWA (less than stated value)	1 ppm TWA
	Ceilings	Not established	5 ppm Ceiling (10 min/day); 9 mg/m ³ Ceiling (10 min/day)	Not established
Proprietary (Proprietary)	STELs	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	0.3 ppm Ceiling	0.1 ppm Ceiling (15 min)	Not established
Proprietary (Proprietary)	TWAs	20 ppm TWA	Not established	100 ppm TWA; 360 mg/m ³ TWA
	Ceilings	Not established	1 ppm Ceiling (30 min); 3.6 mg/m ³ Ceiling (30 min)	Not established
Proprietary (Proprietary)	TWAs	Not established	Not established	200 ppm TWA; 360 mg/m ³ TWA
	Ceilings	25 ppm Ceiling	Not established	Not established

Exposure controls

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Pictograms

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Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear safety glasses.

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
 NIOSH = National Institute of Occupational Safety and Health
 OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Blue/white granular powder tablet. Blue/white granular powder tablet.
Color	No data available	Odor	Surfactant
Odor Threshold	No data available		
General Properties			
Boiling Point	None	Melting Point/Freezing Point	None
Decomposition Temperature	No data available	pH	7 to 8
Specific Gravity/Relative Density	= 1 Water=1	Water Solubility	Soluble 100 %
Viscosity	None		
Volatility			
Vapor Pressure	None	Vapor Density	None
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Close proximity to incompatible substances.

Incompatible materials

- Alkalis, strong oxidizers.

Hazardous decomposition products

- If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxides gases (e.g., CO, CO₂)

Section 11 - Toxicological Information

Information on toxicological effects

GHS Properties	Classification
Respiratory sensitization	OSHA HCS 2012 • No data available
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Irritation 2

Acute toxicity	OSHA HCS 2012 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available
Carcinogenicity	OSHA HCS 2012 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	OSHA HCS 2012 • No data available
STOT-SE	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available

Potential Health Effects

Inhalation

- Acute (Immediate) • No adverse health effects expected.
- Chronic (Delayed) • No data available.

Skin

- Acute (Immediate) • Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.
- Chronic (Delayed) • No data available.

Eye

- Acute (Immediate) • Causes serious eye irritation.
- Chronic (Delayed) • No data available.

Ingestion

- Acute (Immediate) • May cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.
- Chronic (Delayed) • No data available.

Carcinogenic Effects

- This product does not contain any components above de minimus concentrations that are considered carcinogenic by OSHA , IARC or NTP .

Carcinogenic Effects				
	CAS	OSHA	IARC	NTP
Proprietary	Proprietary	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen
Proprietary	Proprietary	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen
Proprietary	Proprietary	Not Listed	Group 1-Carcinogenic	Reasonably Anticipated to be Human Carcinogen
Proprietary	Proprietary	Not Listed	Group 2B-Possible Carcinogen	Reasonably Anticipated to be Human Carcinogen

Section 12 - Ecological Information

Toxicity

- Non-mandatory section - information about this substance not complied for this reason.

Persistence and degradability

- Non-mandatory section - information about this substance not complied for this reason.

Bioaccumulative potential

- Non-mandatory section - information about this substance not complied for this reason.

Mobility in Soil

- Non-mandatory section - information about this substance not complied for this reason.

Other adverse effects

- Non-mandatory section - information about this substance not complied for this reason.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

Special precautions for user

- None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications

- Acute

Inventory		
Component	CAS	TSCA
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

- Proprietary Proprietary 5000 lb TQ
- Proprietary Proprietary Not Listed
- Proprietary Proprietary 1000 lb TQ
- Proprietary Proprietary 2500 lb TQ

U.S. - OSHA - Specifically Regulated Chemicals

5 ppm Excursion Limit (See 29)

• Proprietary	Proprietary	CFR 1910.1047, 15 min); 0.5 ppm Action Level (See 29 CFR 1910.1047); 1 ppm TWA (See 29 CFR 1910.1047)
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	2 ppm STEL (See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level (See 29 CFR 1910.1048); 0.75 ppm TWA (See 29 CFR 1910.1048)
• Proprietary	Proprietary	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Proprietary	Proprietary	
• Proprietary	Proprietary	
• Proprietary	Proprietary	
• Proprietary	Proprietary	

U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Flammable Substances

• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	10000 lb threshold quantity

U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Toxic Substances

• Proprietary	Proprietary	10000 lb threshold quantity
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	15000 lb threshold quantity (Solution)
• Proprietary	Proprietary	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Proprietary	Proprietary	10 lb final RQ; 4.54 kg final RQ
• Proprietary	Proprietary	100 lb final RQ; 45.4 kg final RQ
• Proprietary	Proprietary	100 lb final RQ; 45.4 kg final RQ
• Proprietary	Proprietary	1000 lb final RQ; 454 kg final RQ

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Proprietary	Proprietary	10 lb EPCRA RQ
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	100 lb EPCRA RQ
• Proprietary	Proprietary	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Proprietary	Proprietary	1000 lb TPQ
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	500 lb TPQ
• Proprietary	Proprietary	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Proprietary	Proprietary	0.1 % de minimis concentration
• Proprietary	Proprietary	0.1 % de minimis concentration
• Proprietary	Proprietary	0.1 % de minimis concentration
• Proprietary	Proprietary	0.1 % de minimis concentration

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

U.S. - CWA (Clean Water Act) - Hazardous Substances

• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	
• Proprietary	Proprietary	

U.S. - CWA (Clean Water Act) - Toxic Pollutants

• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Proprietary	Proprietary	carcinogen, initial date 7/1/87
• Proprietary	Proprietary	carcinogen, initial date 1/1/88
• Proprietary	Proprietary	carcinogen, initial date 1/1/88 (gas)
• Proprietary	Proprietary	carcinogen, initial date 4/1/88

U.S. - California - Proposition 65 - Developmental Toxicity

• Proprietary	Proprietary	developmental toxicity, initial date 8/7/09
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Proprietary	Proprietary	20 µg/day MADL
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Proprietary	Proprietary	2 µg/day NSRL
• Proprietary	Proprietary	30 µg/day NSRL
• Proprietary	Proprietary	40 µg/day NSRL (gas)
• Proprietary	Proprietary	90 µg/day NSRL (inhalation)

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• <i>Proprietary</i>	<i>Proprietary</i>	female reproductive toxicity, initial date 2/27/87
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• <i>Proprietary</i>	<i>Proprietary</i>	male reproductive toxicity, initial date 8/7/09
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

Other Information

- **WARNING:** This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 16 - Other Information

Revision Date • 20/August/2015

Preparation Date • 20/August/2015

Other Information •

Disclaimer/Statement of Liability • Information presented herein is believed to be factual, as it has been derived from the works and opinions of persons believed to be qualified experts. However, nothing contained in this information is to be taken as warranty or representation for which the International Epoxies & Sealers bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

Key to abbreviations
NDA = No Data Available