



MATERIAL SAFETY DATA SHEET

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9000

Prepared according to the WHMIS, ANSI, ACC & OSHA standards.

Revision 1.0

04/22/2009

1. PRODUCT IDENTIFICATION			CHEMICAL RESPONSE CARD:			
1.1	Product Name:	9000 INSTANT WINDSHIELD WASHER TABLETS™	RESPONSE TEAM PPE:			
1.2	Chemical Name:	See ingredients listed in section 2				
1.3	Synonyms:	None reported by the manufacturer				
1.4	Trade Names:	9000 Instant Windshield Washer Tablets	WHMIS:			
1.5	Product Use:		HEALTH:	1		
1.6	Manufactured for	International Epoxies & Sealers	FLAMMABILITY:	0		
1.7	Address:	30241 COMMERCE DRIVE, SAN ANTONIO, FL 33576	REACTIVITY:	0		
1.8	Business Phone:	(800) 451-7206	PERSONAL PROTECTION:	B		
1.9	Emergency Information: INFOTRAC (800) 535- 5053					

2. COMPOSITION & INGREDIENTS

COMPOSITION	CAS No./ RTECS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³)					
			ACGIH		OSHA			OTHERS
			TLV	STEL	PEL	STEL	IDLH	
Proprietary			NA	NA	NA	NA	NA	

3. IDENTIFICATION OF RISKS

3.1	Hazard Identification:					
3.2	Routes of Entry:	INHALATION: NO	SKIN & EYES: YES	INGESTION: YES		
3.3	Effects of Exposure:	<p>EYES: Possible irritation and burning sensation.</p> <p>SKIN: Possible irritation and dermatitis (rash).</p> <p>INGESTION: Possible gastrointestinal irritation, nausea, vomiting or diarrhea.</p> <p>INHALATION: No adverse health effects expected.</p>				
3.4	Symptoms of Exposure:	<p>EYES: Irritation and burning sensation.</p> <p>SKIN: Possible irritation and dermatitis (rash), characterized by red, dry, itching skin.</p> <p>INGESTION: Gastrointestinal discomfort, nausea, vomiting, and headache.</p> <p>INHALATION: No adverse health effects expected.</p>				
3.5	Acute Health Effects:	<p>EYES: Irritation.</p> <p>SKIN: Possible irritation and dermatitis (rash).</p> <p>INGESTION: Possible gastrointestinal irritation, nausea, vomiting or diarrhea.</p> <p>INHALATION: No adverse health effects expected.</p>				
3.6	Chronic Health Effects:	None known.				
3.7	Target Organs:	None reported by the manufacturer.				
3.8	Toxicological Properties:	None reported by the manufacturer.				

4. FIRST AID

4.1	First Aid:	<p>EYES: Flush eyes thoroughly with copious amounts of water for at least 20 minutes, holding eyelids open to ensure complete flushing. Seek immediate medical attention.</p> <p>SKIN: Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek prompt medical attention. Launder clothing before reuse.</p> <p>INGESTION: Do not induce vomiting. Call a physician or poison control center for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p>
4.2	Medical Conditions Aggravated by Exposure:	None reported by the manufacturer.

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5. FIRE & EXPLOSION HAZARDS

5.1	Flashpoint & Method:	Not flammable.			
5.2	Autoignition Temperature:	NA			
5.3	Flammability Limits:	Lower Explosive Limit (LEL):	NA	Upper Explosive Limit (UEL):	NA
5.4	Fire & Explosion Hazards:	None known.			
5.5	Extinguishing Methods:	CO ₂ , sand, dry chemical, halon, foam, and indirect water spray or fog.			
5.6	Firefighting Procedures:	Poses no unusual fire or explosion hazard. Keep containers cool until well after the fire is out. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters should wear full-face, self-contained breathing apparatus (MSHA/NIOSH approved or the equivalent) and impervious clothing.			



6. SPILLS & LEAKS

6.1	Spills:	Secure spill area and maximize ventilation. Stop spill or leak at source if safely possible. Deny entry to all unprotected individuals. Individuals involved in the cleanup must wear appropriate personal protective equipment. Recover free liquid or cover with inert absorbent material and place into appropriate container(s) for disposal. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers or any natural waterway or drinking supply.
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7. STORAGE & HANDLING

7.1	Work & Hygiene Practices:	Use normal hygiene practices. Avoid breathing vapors. Avoid direct skin contact. Wash hands thoroughly after using this product and before eating, drinking, or smoking.
7.2	Storage & Handling:	Follow all label instructions. Keep container closed when not in use.
7.3	Special Precautions:	Keep this and all chemical out of reach of children.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

8.1	Ventilation & Engineering Controls:	General ventilation is acceptable.
8.2	Respiratory Protection:	N/A
8.3	Eye Protection:	None required under normal conditions of use; however, chemical protective goggles should be worn when mitigating spills of this product.
8.4	Hand Protection:	None required under normal conditions of use; however, chemical protective gloves (e.g., PVC) should be worn when mitigating spills of this product.
8.5	Body Protection:	Not required for normal and intended use.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density:	NA
9.2	Boiling Point:	NA
9.3	Melting Point:	NA
9.4	Evaporation Rate:	NA
9.5	Vapor Pressure @ 20°C:	NA
9.6	Molecular Weight:	NA
9.7	Appearance & Colour:	White/blue powder
9.8	Odour Threshold:	Mild odor
9.9	Solubility:	Soluble & effervesces
9.10	pH:	9.79
9.11	Viscosity:	NA
9.12	Coefficient Oil/Water Distribution:	NA
9.13	Additional Information:	NA

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10. STABILITY & REACTIVITY

10.1	Stability:	Stable
10.2	Decomposition Products:	N/A
10.3	Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat, and close proximity to incompatible substances.
10.5	Incompatible Substances:	Damp environment - material very hygroscopic (absorbs water readily).

11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data:	No general or specific toxicity data has been reported by the manufacturer other than the information presented in Section 3. However, good personal hygiene practices, such as washing any skin contact areas and removing contaminated clothing, are recommended.
11.2	Acute Toxicity:	See section 3.5
11.3	Chronic Toxicity:	See section 3.6
11.4	Suspected Carcinogen:	NO
11.5	Reproductive Toxicity:	
	Mutagenicity:	This product is not expected to cause mutagenic effects in humans.
	Embryotoxicity:	This product is not expected to cause embryotoxic effects in humans.
	Teratogenicity:	This product is not expected to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not expected to cause reproductive harm in humans.
11.6	Irritancy of Product:	NA
11.7	Biological Exposure Indices:	NA
11.8	Medical Recommendations:	Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The manufacturer has not reported detailed studies on the environmental fate of the material. However, prudent practice would dictate the material not be allowed to enter the environment.
12.2	Effect on Plants & Animals:	The manufacturer has not reported any plant and animal effects.
12.3	Effect on Aquatic Life:	The manufacturer has not reported any aquatic life effects.

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state & provincial hazardous waste laws.
13.2	Special Considerations:	If the material is unsuitable for recycling or reclamation, enclosed-controlled incineration is recommended unless otherwise prohibited by local ordinance.

14. TRANSPORTATION INFORMATION

14.1	49 CFR (GND):	NOT REGULATED	
14.2	IATA (AIR):	NOT REGULATED	
14.3	IMDG (OCN):	NOT REGULATED	
14.4	TDGR (Canada GND):	NOT REGULATED	

15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA reporting requirements.
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16. OTHER INFORMATION

16.1	Other Information:	This product has been classified according to the hazard criteria of the U.S. Occupational Safety & Health Administration's hazard Communication Standards and Health Canada's Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. The components of this product are listed on the TSCA and/or DSL /NDSL. None of the components are listed on the priorities substances list.
16.2	Terms & Definitions:	Please see page 5 of this Material Safety Data Sheet.
16.3	Disclaimer:	This Material Safety Data Sheet complies with U.S. OSHA's Hazard Communication Standard, 29 CFR §1910.1200 and Health Canada's Workplace Hazardous Materials Information System (WHMIS). To the best of I.E.S.' knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product. Contact the manufacturer for additional information.
16.4	Prepared for: INTERNATIONAL EPOXIES & SEALERS 30241 COMMERCE DRIVE SAN ANTONIO, FL Phone: (800) 451-7206	
16.5		

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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
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EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
TLV	Threshold Limit Value
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
IDLH	Immediately Dangerous to Life and Health

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:

A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Eye Protection	Gloves
Boots	Synthetic Apron	Full Suit	Dust Respirator
Vapor Respirator	Dust & Vapor Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.

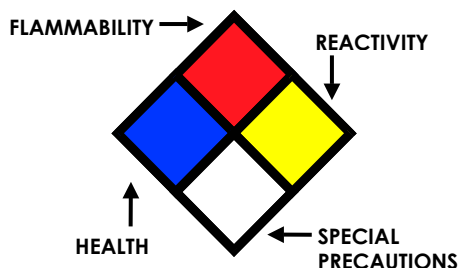
OTHER STANDARD ABBREVIATIONS:

NA	Not Available
NR	No Results
NE	Not Established
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:

Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source



HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

ACD	Acidic
ALK	Alkaline
COR	Corrosive
-W	Use No Water
OX	Oxidizer

TOXICOLOGICAL INFORMATION:

LD₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD₁₀	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD₁₀, LD₁₀, & LD₀ or TC, TC₀, LC₁₀, & LC₀	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_m	Median threshold limit
log K_{ow} or log K_{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
TSCA	U.S. Toxic Substance Control Act