

Giant Resource Recovery-Sumter, Inc.

Industrial Chemicals & Solvents

Giant Resource Recovery-Sumter, Inc. is the leading distributor of recovered solvents in the southeastern United States. Utilizing our incoming waste streams and a vast network of by-product producers, Giant can provide an economical solution to your raw material needs.

Giant's chemical distribution area is located just a short drive from the Grr!-Sumter hazardous and non-hazardous waste processing facility. With over 500,000 gallons of bulk storage, rail siding for twelve cars, blending tanks and equipment, as well as a packaging area and warehouse, this state-of-the-art facility is designed for the efficient completion of your order.

Our customer base and marketing area extends from the mid-Atlantic states to Texas. Deliveries are available in tank trucks, tank wagons, drums and five-gallon pails. Giant's containers are warehoused not only in Sumter, South Carolina, but also Norcross, Georgia, and Attalla, Alabama.

Giant's branded solvents include, but are not limited to the following:

- | | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------|
| G-2000 | A medium to fast drying 100% virgin lacquer thinner formulation. |
| Omni 10 | A fast drying blended thinner. Primarily developed as a wash solvent for the automotive and woodworking industry. |
| Omni 95 | A recycled clean-up solvent containing various paint related solvents. Ideal for large users of wash solvent or line flush. |
| Wonderflow | A methylene chloride based furniture and paint stripper. Excellent for a flow over process. Leaves no residue. |

Chemicals, Wash Solvents, Specialty Blends, Dry Cleaning Fluids

Call 1-877-473-6664 to place an order or for additional information.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200.
Standard must be consulted for specific requirements.

QUICK IDENTIFIER

COMMON NAME: (Used on label and list)

G2000 THINNER BLEND

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name	GIANT RESOURCE RECOVERY-SUMTER, INC.	CHEMTREC
Address	755 INDUSTRIAL ROAD	Emergency Telephone No. 1-800-424-9300
City, State, ZIP	SUMTER, SC 29150	Other Information Calls 1-803-773-1400
Common Names (Synonyms) :		Date Prepared 6/10/2002 Date Revised 10/27/2005

SECTION 2 - HAZARDOUS COMPOSITION/INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	% (optional)	OSHA PEL	ACGIH TLV	Other Exposure Limits	CAS NO.
E B ACETATE		200ppm	200ppm		111-76-2
METHANOL		200ppm	200ppm		67-56-1
TOLUENE		200ppm	200ppm		108-88-3
ACETONE		1000ppm	500ppm	STEL=750ppm	67-64-1

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	RANGE 133 - 381 F	Specific Gravity (H20=1)	0.830
Vapor Density (Air=1)	GREATER THAN 1	Vapor Pressure (mm Hg)	UNKNOWN
Solubility in Water	NEGLIGIBLE	Reactivity in Water	WILL NOT REACT
Appearance and Odor	CLEAR, COLORLESS LIQUID	Melting Point	N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	< 60° F.	Method Used	TCC	Flammable Limits in Air % by Volume	LEL Upper 1.8% UEL Upper 7.8%
Auto-Ignition Temperature	UNKNOWN	Extinguisher Media	WATER FOG, ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE		

Special Fire Fighting Procedures
FLAMMABLE LIQUID. POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IS SUGGESTED. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire and Explosion Hazards
CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RESULT IN RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable <input type="checkbox"/>	Conditions	
	Stable <input checked="" type="checkbox"/>	to Avoid	AVOID HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZERS.
Incompatibility (Materials to Avoid)	AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALIES, STRONG MINERAL ACIDS.		
Hazardous Decomposition Products	CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS.		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions	
	Will Not Occur <input checked="" type="checkbox"/>	to Avoid	

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate)	INHALATION OR INGESTION MAY CAUSE LIGHTEADEDNESS OR UNCONSCIOUSNESS	2. Chronic (Delayed Effect)	CAN CAUSE HEADACHE, DEPRESSION, FATIGUE, LOSS OF APPETITE. SKIN CONTACT CAN CAUSE DERMATITIS.
Signs and Symptoms of Exposure	HEADACHE, NAUSEA, DIZZINESS, ANESTHESIA		
Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE		
Chemical Listed as Carcinogen or Potential Carcinogen	N/A	National Toxicology Program	Yes <input type="checkbox"/> No <input type="checkbox"/>
		I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input type="checkbox"/>
		OSHA	Yes <input type="checkbox"/> No <input type="checkbox"/>

Emergency and First Aid Procedures	SEE BELOW, CALL A PHYSICIAN.		
ROUTES OF ENTRY	1. Inhalation	REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.	
	2. Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.	
	3. Skin	FLUSH SKIN WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT RE-USE CLOTHING OR SHOES UNTIL CLEANED.	
	4. Ingestion	DO NOT INDUCE VOMITING . KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS. CAN BE FATAL.	

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. EXTINGUISH ALL SOURCES OF IGNITION. USE WITH ADEQUATE VENTILATION.
Other Precautions	CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT WELD, DRILL OR GRIND NEAR CONTAINERS. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT.
Steps to be Taken in Case Material is Released or Spilled	FLAMMABLE. ELIMINATE ALL SOURCES OF IGNITION. HANDLING EQUIPMENT MUST BE GROUNDED. **LARGE SPILLS- EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. DIKE AND CONTAIN SPILL. **SMALL SPILL- TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.
Waste Disposal Methods (Consult federal, state & local regulations)	DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	NIOSH APPROVED RESPIRATOR TO PREVENT OVER-EXPOSURE.			
Ventilation	Local Exhaust <input checked="" type="checkbox"/>	Mechanical (General) <input checked="" type="checkbox"/>	Special	Other
Protective Gloves	CHEMICAL RESISTANT SUCH AS NEOPRENE OR NITRILE TO MINIMIZE CONTACT		Eye Wear	WEAR CHEMICAL GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH THE EYES
Other Protective Clothing or Equipment	AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING TO MINIMIZE CONTACT.			
Work/Hygienic Practices	WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. LAUNDRER CLOTHING BEFORE RE-USE.			

IMPORTANT - The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200.
Standard must be consulted for specific requirements.

QUICK IDENTIFIER

COMMON NAME: (Used on label and list)

OMNI 10

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name	GIANT RESOURCE RECOVERY-SUMTER, INC.	CHEMTREC
Address	755 INDUSTRIAL ROAD	Emergency Telephone No. 1-800-424-9300
City, State, ZIP	SUMTER, SC 29150	Other Information Calls 1-803-773-1400
Common Names (Synonyms) :		Date Prepared 7/13/2002 Revised Date 10/27/2005

SECTION 2 - HAZARDOUS COMPOSITION/INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	% (optional)	OSHA PEL	ACGIH TLV	Other Exposure Limits	CAS NO.
TOLUENE		200ppm	50ppm		108-88-3
METHANOL		200ppm	200ppm		67-56-1
ACETONE		1000ppm	500ppm	STEL=750ppm	67-64-1

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	RANGE 130 - 149 F	Specific Gravity (H20=1)	0.820
Vapor Density (Air=1)	GREATER THAN 1	Vapor Pressure (mm Hg)	UNKNOWN
Solubility in Water	NEGLIGIBLE	Reactivity in Water	WILL NOT REACT
Appearance and Odor	CLEAR, COLORLESS LIQUID	Melting Point	UNKNOWN

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	< 40° F.	Method Used	TCC	Flammable Limits in Air % by Volume	LEL Upper 1.0% UEL Upper 7.0%
Auto-Ignition Temperature	UNKNOWN	Extinguisher Media	WATER FOG, ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE		
Special Fire Fighting Procedures	FLAMMABLE LIQUID. POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IS SUGGESTED. COOL FIRE EXPOSED CONTAINERS WITH WATER.				
Unusual Fire and Explosion Hazards	CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RESULT IN RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.				

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable <input type="checkbox"/>	Conditions	
	Stable <input checked="" type="checkbox"/>	to Avoid	AVOID HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZERS.
Incompatibility (Materials to Avoid)	AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALIES, STRONG MINERAL ACIDS.		
Hazardous Decomposition Products	CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions	
	Will Not Occur <input checked="" type="checkbox"/>	to Avoid	

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate)	INHALATION OR INGESTION MAY CAUSE LIGHTEADEDNESS OR UNCONSCIOUSNESS	2. Chronic (Delayed Effect)	CAN CAUSE HEADACHE, DEPRESSION, FATIGUE, LOSS OF APPETITE. SKIN CONTACT CAN CAUSE DERMATITIS.
Signs and Symptoms of Exposure	HEADACHE, NAUSEA, DIZZINESS, ANESTHESIA		
Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE		
Chemical Listed as Carcinogen or Potential Carcinogen	N/A	National Toxicology Program Yes <input type="checkbox"/> No <input type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input type="checkbox"/> OSHA Yes <input type="checkbox"/> No <input type="checkbox"/>

Emergency and First Aid Procedures	SEE BELOW, CALL A PHYSICIAN.		
ROUTES OF ENTRY	1. Inhalation	REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.	
	2. Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.	
	3. Skin	FLUSH SKIN WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT RE-USE CLOTHING OR SHOES UNTIL CLEANED.	
	4. Ingestion	DO NOT INDUCE VOMITING . KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS. CAN BE FATAL.	

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. EXTINGUISH ALL SOURCES OF IGNITION. USE WITH ADEQUATE VENTILATION.
Other Precautions	CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT WELD, DRILL OR GRIND NEAR CONTAINERS. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT.
Steps to be Taken in Case Material is Released or Spilled	FLAMMABLE. ELIMINATE ALL SOURCES OF IGNITION. HANDLING EQUIPMENT MUST BE GROUNDED. **LARGE SPILLS- EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. DIKE AND CONTAIN SPILL. **SMALL SPILL- TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.
Waste Disposal Methods (Consult federal, state & local regulations)	DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	NIOSH APPROVED RESPIRATOR TO PREVENT OVER-EXPOSURE.			
Ventilation	Local Exhaust <input checked="" type="checkbox"/>	Mechanical (General) <input checked="" type="checkbox"/>	Special	Other
Protective Gloves	CHEMICAL RESISTANT SUCH AS NEOPRENE OR NITRILE TO MINIMIZE CONTACT		Eye Wear	WEAR CHEMICAL GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH THE EYES
Other Protective Clothing or Equipment	AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING TO MINIMIZE CONTACT.			
Work/Hygienic Practices	WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. LAUNDRER CLOTHING BEFORE RE-USE.			

IMPORTANT - The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200.
Standard must be consulted for specific requirements.

QUICK IDENTIFIER

COMMON NAME: (Used on label and list)

OMNI 95

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name	GIANT RESOURCE RECOVERY-SUMTER, INC.	CHEMTREC
Address	755 INDUSTRIAL ROAD	Emergency Telephone No. 1-800-424-9300
City, State, ZIP	SUMTER, SC 29150	Other Information Calls 1-803-773-1400
Common Names (Synonyms) :		Date Prepared 7/17/2002 Date Revised 10/27/2005

SECTION 2 - HAZARDOUS COMPOSITION/INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	% (optional)	OSHA PEL	ACGIH TLV	Other Exposure Limits	CAS NO.
TOLUENE		200ppm	100ppm		108-88-3
XYLENE		100ppm	100ppm		1330-20-7
METHYL ETHYL KETONE		200ppm	200ppm		78-93-3
ACETONE		1000ppm	500ppm	STEL=750ppm	67-64-1
ISOPROPYL ALCOHOL		400ppm	400ppm		67-63-0
METHANOL		200ppm	200ppm		67-56-1
HEPTANE		400ppm	500ppm		142-82-5
ETHYL ACETATE		400ppm	400ppm		141-78-6
ETHANOL		1000ppm	1000ppm		64-17-5
n-BUTYL ACETATE		150ppm	150ppm		123-86-4
METHYL ACETATE		200ppm	200ppm		70-20-9
ISOPROPYL ACETATE		250ppm	250ppm		108-21-4

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	RANGE 131 - 290 F	Specific Gravity (H20=1)	0.820
Vapor Density (Air=1)	GREATER THAN 1	Vapor Pressure (mm Hg)	UNKNOWN
Solubility in Water	NEGLIGIBLE	Reactivity in Water	WILL NOT REACT
Appearance and Odor	CLEAR, COLORLESS LIQUID	Melting Point	N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	< 60° F.	Method Used	TCC	Flammable Limits in Air % by Volume		LEL Upper	1.5%	UEL Upper	7.0%
Auto-Ignition Temperature	UNKNOWN	Extinguisher Media		WATER FOG, ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE					

Special Fire Fighting Procedures FLAMMABLE LIQUID. POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IS SUGGESTED. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire and Explosion Hazards CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RESULT IN RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable <input type="checkbox"/>	Conditions	
	Stable <input checked="" type="checkbox"/>	to Avoid	AVOID HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZERS.
Incompatibility (Materials to Avoid)	AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALIES, STRONG MINERAL ACIDS.		
Hazardous Decomposition Products	CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions	
	Will Not Occur <input checked="" type="checkbox"/>	to Avoid	

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate)	INHALATION OR INGESTION MAY CAUSE LIGHTEADEDNESS OR UNCONSCIOUSNESS	2. Chronic (Delayed Effect)	CAN CAUSE HEADACHE, DEPRESSION, FATIGUE, LOSS OF APPETITE. SKIN CONTACT CAN CAUSE DERMATITIS.
Signs and Symptoms of Exposure	HEADACHE, NAUSEA, DIZZINESS, ANESTHESIA		
Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE		
Chemical Listed as Carcinogen or Potential Carcinogen	N/A	National Toxicology Program Yes <input type="checkbox"/> No <input type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input type="checkbox"/> OSHA Yes <input type="checkbox"/> No <input type="checkbox"/>

Emergency and First Aid Procedures	SEE BELOW, CALL A PHYSICIAN.		
ROUTES OF ENTRY	1. Inhalation	REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.	
	2. Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.	
	3. Skin	FLUSH SKIN WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT RE-USE CLOTHING OR SHOES UNTIL CLEANED.	
	4. Ingestion	DO NOT INDUCE VOMITING . KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS. CAN BE FATAL.	

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. EXTINGUISH ALL SOURCES OF IGNITION. USE WITH ADEQUATE VENTILATION.
Other Precautions	CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT WELD, DRILL OR GRIND NEAR CONTAINERS. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT.
Steps to be Taken in Case Material is Released or Spilled	FLAMMABLE. ELIMINATE ALL SOURCES OF IGNITION. HANDLING EQUIPMENT MUST BE GROUNDED. **LARGE SPILLS- EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. DIKE AND CONTAIN SPILL. **SMALL SPILL- TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.
Waste Disposal Methods (Consult federal, state & local regulations)	DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	NIOSH APPROVED RESPIRATOR TO PREVENT OVER-EXPOSURE.			
Ventilation	Local Exhaust <input checked="" type="checkbox"/>	Mechanical (General) <input checked="" type="checkbox"/>	Special	Other
Protective Gloves	CHEMICAL RESISTANT SUCH AS NEOPRENE OR NITRILE TO MINIMIZE CONTACT		Eye Wear	WEAR CHEMICAL GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH THE EYES
Other Protective Clothing or Equipment	AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING TO MINIMIZE CONTACT.			
Work/Hygienic Practices	WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. LAUNDRER CLOTHING BEFORE RE-USE.			

IMPORTANT - The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200.
Standard must be consulted for specific requirements.

QUICK IDENTIFIER

COMMON NAME: (Used on label and list)

WONDERFLOW

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name	GIANT RESOURCE RECOVERY-SUMTER, INC.	CHEMTREC
Address	755 INDUSTRIAL ROAD	Emergency Telephone No. 1-800-424-9300
City, State, ZIP	SUMTER, SC 29150	Other Information Calls 1-803-773-1400
Common Names (Synonyms) :		Date Prepared 10/17/1996 update 10/27/05

SECTION 2 - HAZARDOUS COMPOSITION/INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	% (optional)	OSHA PEL	ACGIH TLV	Other Exposure Limits	CAS NO.
METHANOL		200ppm	200ppm		67-56-1
METHYLENE CHLORIDE		25ppm	50ppm	125ppm (stel)	75-09-2
XYLENE.		100ppm	100ppm		1330-20-7
TRITON X45		NOT ESTABLISHED			9004-87-9
TRITON N101		NOT ESTABLISHED			NOT EST.
D'LIMONENE		NOT ESTABLISHED			5989-27-5
PARRAFIN WAX		NOT ESTABLISHED			NOT EST.
CAUSTIC POTASH FLAKE		NOT ESTABLISHED			1310-58-3

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	APPROXIMATE 105 F	Specific Gravity (H20=1)	1.190
Vapor Density (Air=1)	GREATER THAN 1	Vapor Pressure (mm Hg)	UNKNOWN
Solubility in Water	MODERATE	Reactivity in Water	WILL NOT REACT
Appearance and Odor	CLEAR, COLORLESS LIQUID	Melting Point	N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	UNKNOWN	Method Used	TCC	Flammable Limits in Air % by Volume		LEL Upper	N/A %	UEL Upper	N/A %
Auto-Ignition Temperature	UNKNOWN	Extinguisher Media		WATER FOG, ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE					
Special Fire Fighting Procedures	NONFLAMMABLE LIQUID. POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IS SUGGESTED. COOL FIRE EXPOSED CONTAINERS WITH WATER. ALSO NONEXPLOSIVE UNDER NORMAL CONDITIONS.								
Unusual Fire and Explosion Hazards	CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RESULT IN RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.								

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable <input type="checkbox"/>	Conditions	
	Stable <input checked="" type="checkbox"/>	to Avoid	AVOID HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZERS.
Incompatibility (Materials to Avoid)	AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALIES, STRONG MINERAL ACIDS.		
Hazardous Decomposition Products	CARBON MONOXIDE, HYDROCARBONS AND UNIDENTIFIED ORGANIC COMPOUNDS.		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions	
	Will Not Occur <input checked="" type="checkbox"/>	to Avoid	

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate)	INHALATION OR INGESTION MAY CAUSE LIGHTEADEDNESS OR UNCONSCIOUSNESS	2. Chronic (Delayed Effect)	CAN CAUSE HEADACHE, DEPRESSION, FATIGUE, LOSS OF APPETITE. SKIN CONTACT CAN CAUSE DERMATITIS.
Signs and Symptoms of Exposure	HEADACHE, NAUSEA, DIZZINESS, ANESTHESIA		
Medical Conditions Generally Aggravated by Exposure	PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE		
Chemical Listed as Carcinogen or Potential Carcinogen	N/A	National Toxicology Program Yes <input type="checkbox"/> No <input type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input type="checkbox"/>
		OSHA Yes <input type="checkbox"/> No <input type="checkbox"/>	

Emergency and First Aid Procedures	SEE BELOW, CALL A PHYSICIAN.		
ROUTES OF ENTRY	1. Inhalation	REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.	
	2. Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.	
	3. Skin	FLUSH SKIN WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT RE-USE CLOTHING OR SHOES UNTIL CLEANED.	
	4. Ingestion	DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS. CAN BE FATAL.	

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. EXTINGUISH ALL SOURCES OF IGNITION. USE WITH ADEQUATE VENTILATION.
Other Precautions	CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT WELD, DRILL OR GRIND NEAR CONTAINERS. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT.
Steps to be Taken in Case Material is Released or Spilled	FLAMMABLE. ELIMINATE ALL SOURCES OF IGNITION. HANDLING EQUIPMENT MUST BE GROUNDED. **LARGE SPILLS- EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. DIKE AND CONTAIN SPILL. **SMALL SPILL- TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.
Waste Disposal Methods (Consult federal, state & local regulations)	DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	NIOSH APPROVED RESPIRATOR TO PREVENT OVER-EXPOSURE.			
Ventilation	Local Exhaust <input checked="" type="checkbox"/>	Mechanical (General) <input checked="" type="checkbox"/>	Special	Other
Protective Gloves	CHEMICAL RESISTANT SUCH AS NEOPRENE OR NITRILE TO MINIMIZE CONTACT	Eye Wear	WEAR CHEMICAL GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH THE EYES	
Other Protective Clothing or Equipment	AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING TO MINIMIZE CONTACT.			
Work/Hygienic Practices	WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. LAUNDRER CLOTHING BEFORE RE-USE.			

IMPORTANT - The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not.