SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : *Surface Paint Prep Aerosol*

Manufacturer Product Number : *AOR-99*

1.2 Other Means of Identification

Other Identifiers : *Not Available*

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : *Cleaner*

Restrictions on Use : *None Identified*

1.4 Supplier Details

		Supplier Details
Company Name	:	*AGS Company*
Address	:	*PO Box 729, Muskegon, MI 49443 - United States*
Phone Number	:	*800-253-0403*

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Aerosol 1	*H222*	*Physical Hazards*	*Flammable aerosol Category 1*
Press. Gas (Comp.)	*H280*	*Physical Hazards*	*Gases under pressure Compressed gas*
Eye Irrit. 2	*H319*	*Health Hazards*	*Serious eye damage/eye irritation Category 2*
Carc. 2	*H351*	*Health Hazards*	*Carcinogenicity Category 2*
Repr. 2	*H361*	*Health Hazards*	*Reproductive toxicity Category 2*
Stot Se 3	*H336*	*Health Hazards*	*Specific target organ toxicity (single exposure) Category 3, Narcosis*
Stot Re 2	*H373*	*Health Hazards*	*Specific target organ toxicity (repeated exposure) Category 2*
Aquatic Acute 3	*H402*	*Environmental Hazards*	*Hazardous to the aquatic environment - Acute Hazard Category 3*

2.2 Label Elements

Hazard Pictograms

GHS02 *GHS04* *GHS07* *GHS08*

Signal Word ***Danger***

Hazard Statements

H222 : *Extremely flammable aerosol*
H280 : *Contains gas under pressure; may explode if heated*
H319 : *Causes serious eye irritation*
H336 : *May cause drowsiness or dizziness*
H351 : *Suspected of causing cancer*

	H361	:	*Suspected of damaging fertility or the unborn child*
	H373	:	*May cause damage to organs through prolonged or repeated exposure*
	H402	:	*Harmful to aquatic life*
Precautionary Statements	*P202*	:	*Do not handle until all safety precautions have been read and understood.*
	P210	:	*Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
	P211	:	*Do not spray on an open flame or other ignition source.*
	P251	:	*Pressurized container: Do not pierce or burn, even after use.*
	P260	:	*Do not breathe spray.*
	P264	:	*Wash hands thoroughly after handling.*
	P271	:	*Use only outdoors or in a well-ventilated area.*
	P273	:	*Avoid release to the environment.*
	P280	:	*Wear protective gloves and eye protection.*
	P304+P340	:	*If inhaled: Remove person to fresh air and keep comfortable for breathing.*
	P305+P351+P338	:	*IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
	P308+P313	:	*If exposed or concerned: Get medical advice/attention.*
	P314	:	*Get medical advice/attention if you feel unwell.*
	P337+P313	:	*If eye irritation persists: Get medical advice/attention.*
	P403	:	*Store in a well-ventilated place.*
	P410+P412	:	*Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.*
	P501	:	*Dispose of contents/container to applicable regulations.*

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : *None Identified.*

2.4 Unknown acute toxicity

4% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
4% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
4% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (vapors))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : *Mixture*

3.2 Composition

Substance name	CAS Number	% wt*	Classification
Acetone	*67-64-1*	*30 – 60*	*Flam. Liq. 2, H225* *Eye Irrit. 2A, H319* *STOT SE 3, H336*
Methyl Acetate	*79-20-9*	*30 – 60*	*Flam. Liq. 2, H225* *Eye Irrit. 2A, H319* *STOT SE 3, H336*
Carbon Dioxide	*124-38-9*	*1 – 5*	*Press. Gas (Comp.), H280*
Toluene	*108-88-3*	*1 – 5*	*Flam. Liq. 2, H225* *Skin Irrit. 2, H315* *Repr. 2, H361* *STOT SE 3, H336* *STOT RE 2, H373* *Asp. Tox. 1, H304* *Aquatic Acute 2, H401*

Substance name	CAS Number	% wt*	Classification
Xylene	*1330-20-7*	*1 – 5*	*Flam. Liq. 3, H226* *Acute Tox. 4 (Dermal), H312* *Acute Tox. 4 (Inhalation), H332* *Skin Irrit. 2, H315* *Asp. Tox. 1, H304* *Aquatic Acute 2, H401*
Isopropyl Alcohol	*67-63-0*	*1 – 5*	*Flam. Liq. 2, H225* *Eye Irrit. 2A, H319* *STOT SE 3, H336*
Ethyl Benzene	*100-41-4*	*0.1 – 1*	*Flam. Liq. 2, H225* *Acute Tox. 4 (Inhalation), H332* *Acute Tox. 4 (Inhalation:vapour), H332* *Carc. 2, H351* *STOT RE 2, H373* *Asp. Tox. 1, H304* *Aquatic Acute 2, H401*

Full text of hazard classes and H-statements : see section 16

**Chemical name, CAS number and/or exact concentration have been withheld as a trade secret*

SECTION 4 - FIRST-AID MEASURES

4.1 Description of First-Aid Measures

General Measures : *If exposed or concerned: Get medical advice/attention.*

Inhalation : *Remove person to fresh air and keep comfortable for breathing.*

Skin Contact : *Wash skin with plenty of water.*

Eye Contact : *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.*

Ingestion : *Call a poison center or a doctor if you feel unwell.*

First-Aid Responder Protection : *Wear adequate personal protective equipment based on the nature and severity of the emergency.*

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure : *Eye Irritation, Nose Irritation, Throat Irritation, Dermatitis, Central Nervous System Depression, Confusion, Skin Irritation, Headache, Dizziness, Nausea, Narcosis, Upper Respiratory Tract Irritation, Drowsiness, Vomiting, Optical Nerve Damage, Chest Tightness, Mucous Membrane.*

Delayed Effects : *No known delayed effects.*

Immediate Effects : *Asphyxia.*

Chronic Effects : *Methyl alcohol may be fatal or cause blindness if swallowed. Because of defatting properties, repeated skin contact can cause skin damage such as chap, dermatitis, inflammation and the formation of eczema.*

Target Organs : *Cardiovascular System, Central Nervous System, Eyes, Gastrointestinal Tract, Liver, Reproductive System, Respiratory System, Skin, Kidneys.*

4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to Physician : *Treat symptomatically.*

Specific Treatments/Antidotes : *No Information Available.*

Medical Conditions Aggravated : *May aggravate personnel with pre-existing disorders associated with any of the Target Organs.*

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Extinguishing Media : *Water, carbon dioxide, dry chemical, universal aqueous film forming foam.*

Unsuitable Media : *Water jet.*

5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products : *Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.*

Specific Hazards During Firefighting : *CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSSURE. In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.*

5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions : *Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure.*

Protection during Firefighting : *Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.*

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel : *No action should be taken involving any 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 Personnel : *Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.*

6.2 Environmental Precautions

Environmental Precautions : *Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.*

6.3 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 content may be contained with oil/solvent absorbent pads, socks, and/or absorbents.*

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 area well.*

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.*

Prohibited Materials : *Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.*

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

General Handling Precautions : *KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use 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.*

Hygiene Recommendations : *Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating or smoking areas. Wash hands thoroughly after use.*

7.2 Conditions for Safe Storage Including Any Incompatibilities

Storage Requirements : *Storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition. . For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended.*

Incompatibilities : *Segregate storage away from materials indicated in Section 10.*

NFPA 30B Classification : *This product is classified as a Level 2 Aerosol per NFPA 30B*

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Carbon Dioxide (124-38-9)		
ACGIH	*ACGIH OEL TWA*	*5000 ppm*
ACGIH	*ACGIH OEL Ceiling*	*30000 ppm*
OSHA	*OSHA PEL (TWA) [1]*	*9000 mg/m³*
OSHA	*OSHA PEL (TWA) [2]*	*5000 ppm*
NIOSH	*IDLH [ppm]*	*40000 ppm*
NIOSH	*NIOSH REL TWA [ppm]*	*5000 ppm*
NIOSH	*NIOSH REL STEL [ppm]*	*30000 ppm*
California	*California PEL (TWA) (mg/m3)*	*9000 mg/m³*
California	*California PEL (TWA) (ppm)*	*5000 ppm*
California	*California PEL (STEL) (mg/m3)*	*54000 mg/m³*
California	*California PEL (STEL) (ppm)*	*30000 ppm*

Methyl Acetate (79-20-9)		
ACGIH	*ACGIH OEL TWA*	*200 ppm*
ACGIH	*ACGIH OEL Ceiling*	*250 ppm*
OSHA	*OSHA PEL (TWA) [1]*	*610 mg/m³*
OSHA	*OSHA PEL (TWA) [2]*	*200 ppm*
NIOSH	*IDLH [ppm]*	*3100 ppm*
NIOSH	*NIOSH REL (TWA)*	*610 mg/m³*
NIOSH	*NIOSH REL TWA [ppm]*	*200 ppm*
NIOSH	*NIOSH REL (STEL)*	*760 mg/m³*
NIOSH	*NIOSH REL STEL [ppm]*	*250 ppm*
California	*California PEL (TWA) (mg/m3)*	*610 mg/m³*
California	*California PEL (TWA) (ppm)*	*200 ppm*
California	*California PEL (STEL) (mg/m3)*	*760 mg/m³*
California	*California PEL (STEL) (ppm)*	*250 ppm*

Toluene (108-88-3)		
ACGIH	*ACGIH OEL TWA*	*20 ppm*
ACGIH	*ACGIH OEL Ceiling*	*150 ppm*
OSHA	*OSHA PEL (TWA) [2]*	*200 ppm*
OSHA	*OSHA PEL C [ppm]*	*300 ppm*
NIOSH	*IDLH [ppm]*	*500 ppm*
NIOSH	*NIOSH REL TWA [ppm]*	*100 ppm*
NIOSH	*NIOSH REL STEL [ppm]*	*150 ppm*
California	*California PEL (TWA) (mg/m3)*	*37 mg/m³*
California	*California PEL (TWA) (ppm)*	*10 ppm*
California	*California PEL (STEL) (mg/m3)*	*560 mg/m³*
California	*California PEL (STEL) (ppm)*	*150 ppm*
California	*California PEL (Ceiling) (ppm)*	*500 ppm*
Biological Exposure Index	*Toluene in blood, Prior to last shift of workweek*	*0.02 mg/l*
Biological Exposure Index	*Toluene in urine, End of shift*	*0.03 mg/l*
Biological Exposure Index	*o-Cresol in urine (with hydrolysis), End of shift (B)*	*0.3 mg/g creatinine*

Xylene (1330-20-7)		
ACGIH	*ACGIH OEL TWA*	*100 ppm*
ACGIH	*ACGIH OEL Ceiling*	*150 ppm*
OSHA	*OSHA PEL (TWA) [1]*	*435 mg/m³*
OSHA	*OSHA PEL (TWA) [2]*	*100 ppm*
NIOSH	*IDLH [ppm]*	*900 ppm*
NIOSH	*NIOSH REL TWA [ppm]*	*100 ppm*
NIOSH	*NIOSH REL STEL [ppm]*	*150 ppm*
California	*California PEL (TWA) (mg/m3)*	*435 mg/m³*
California	*California PEL (TWA) (ppm)*	*100 ppm*
California	*California PEL (STEL) (mg/m3)*	*655 mg/m³*
California	*California PEL (STEL) (ppm)*	*150 ppm*
California	*California PEL (Ceiling) (ppm)*	*300 ppm*
Biological Exposure Index	*Methylhippuric Acid in Urine (Post Shift), End of shift*	*1.5 g/g creatinine*

Ethyl Benzene (100-41-4)		
ACGIH	*ACGIH OEL TWA*	*20 ppm*

Ethyl Benzene (100-41-4)		
OSHA	*OSHA PEL (TWA) [1]*	*435 mg/m³*
OSHA	*OSHA PEL (TWA) [2]*	*100 ppm*
NIOSH	*IDLH [ppm]*	*800 ppm*
NIOSH	*NIOSH REL (TWA)*	*435 mg/m³*
NIOSH	*NIOSH REL TWA [ppm]*	*100 ppm*
NIOSH	*NIOSH REL (STEL)*	*545 mg/m³*
NIOSH	*NIOSH REL STEL [ppm]*	*125 ppm*
California	*California PEL (TWA) (mg/m3)*	*22 mg/m³*
California	*California PEL (TWA) (ppm)*	*5 ppm*
California	*California PEL (STEL) (mg/m3)*	*130 mg/m³*
California	*California PEL (STEL) (ppm)*	*30 ppm*
Biological Exposure Index	*Sum of Mandelic Acid and Phenyl Glyoxylic Acid in Urine, End of shift at end of workweek*	*0.7 g/g creatinine*

Isopropyl Alcohol (67-63-0)		
ACGIH	*ACGIH OEL TWA*	*200 ppm*
ACGIH	*ACGIH OEL Ceiling*	*400 ppm*
OSHA	*OSHA PEL (TWA) [1]*	*980 mg/m³*
OSHA	*OSHA PEL (TWA) [2]*	*400 ppm*
NIOSH	*IDLH [ppm]*	*2000 ppm*
NIOSH	*NIOSH REL (TWA)*	*980 mg/m³*
NIOSH	*NIOSH REL TWA [ppm]*	*400 ppm*
NIOSH	*NIOSH REL (STEL)*	*1225 mg/m³*
NIOSH	*NIOSH REL STEL [ppm]*	*500 ppm*
California	*California PEL (TWA) (mg/m3)*	*980 mg/m³*
California	*California PEL (TWA) (ppm)*	*400 ppm*
California	*California PEL (STEL) (mg/m3)*	*1225 mg/m³*
California	*California PEL (STEL) (ppm)*	*500 ppm*

Acetone (67-64-1)		
ACGIH	*ACGIH OEL TWA*	*250 ppm*
ACGIH	*ACGIH OEL Ceiling*	*500 ppm*
OSHA	*OSHA PEL (TWA) [1]*	*2400 mg/m³*
OSHA	*OSHA PEL (TWA) [2]*	*1000 ppm*
NIOSH	*IDLH [ppm]*	*2500 ppm*
NIOSH	*NIOSH REL TWA [ppm]*	*250 ppm*
California	*California PEL (TWA) (mg/m3)*	*1200 mg/m³*
California	*California PEL (TWA) (ppm)*	*500 ppm*
California	*California PEL (STEL) (mg/m3)*	*1780 mg/m³*
California	*California PEL (STEL) (ppm)*	*750 ppm*
California	*California PEL (Ceiling) (ppm)*	*3000 ppm*
Biological Exposure Index	*Acetone in urine, End of shift (Ns)*	*25 mg/l*

8.2 Exposure Controls

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 an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.*

Personal Protective Equipment

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.*

Hand Protection : *Chemical-resistant gloves, tested according to ASTMF903-17.*

Remarks : *Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.*

Skin and Body 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.*

Respiratory Protection : *Respiratory protection is not anticipated to be needed.*

Compliance : *If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.*

Other Protective Equipment : *Safety showers and eye-wash stations should be available in the workplace near where the material will be used.*

Environmental Exposure Controls : *Avoid release to the environment.*

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	*> 56.00 °C*	Melting / Freezing Point	*> -99.00 °C*
Flash Point, Liquid	*> -18.00 °C*	Flash Point, Propellant	*Non flammable*
Explosive Limits	*LEL: 1.00 UEL: 36.00 vol %*	Autoignition Temperature, Liquid	*> 399.00 °C*
Flammability	*Extremely Flammable Aerosol*	Density	*0.865 g/cm³*
Molecular Weight	*Not Available*	Weight	*7.218 lbs/gal*
Vapor Pressure	*Not Available*	pH	*Not Available*
Vapor Density	*Not Available*	Evaporation Rate (nBAc=1)	*Not Available*
Viscosity	*Not Available*	Partition Coefficient (Log Pow)	*Not Available*
Odor Threshold	*Not Available*	Refractive Index	*Not Available*
Physical State	*Pressurized Product*	Heat Of Combustion	*10714.51 BTU/lb*
Appearance / Color	*Water-White*	Water Solubility	*Not Available*
Odor	*Solvent*	Decomposition Temperature	*Not Available*

9.2 Environmental Properties

Percent Volatile	*96.00 % wt*	VOC Regulatory	*575.66 g/L (4.80 lbs/gal)*
Percent VOC	*7.95 % wt*	VOC Actual	*68.74 g/L (0.57 lbs/gal)*
Percent HAP	*5.98 % wt*	HAP Content	*51.73 g/L (0.43 lbs/gal)*
Global Warming Potential	*0.34 GWP*	Maximum Incremental Reactivity	*0.5610 g O3/g*
Ozone Depletion Potential	*0.00 ODP*		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : *No specific test data related to reactivity is available for this products or its ingredients.*

10.2 Chemical Stability

Chemical Stability : *This product is stable.*

10.3 Possibility of Hazardous Reactions

Hazardous Reactions : *Under normal conditions of storage and use, hazardous reactions are not expected to occur.*

10.4 Conditions to Avoid

Conditions to Avoid : *Electrostatic Discharge, Other Ignition Sources, Heat, Flames, Sparks.*

10.5 Incompatible Materials

Materials to Avoid : *Strong Oxidizing Agents, Strong Reducing Agents, Alkali Metals, Strong Acids, Aluminum, Potassium t-Butoxide, Halogen Compounds, Acid Anhydrides, Aluminum Chloride, Acids, Hydrogen Peroxide, Chlorosulfuric Acid, Potassium Chlorate.*

10.6 Hazardous Decomposition Products

Thermal Decomposition : *Oxides of carbon, Aldehydes, Formaldehyde, Methanol, Acetic Acid.*

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Methyl Acetate (CAS: 79-20-9 / EC: 201-185-2)	
LD50 Oral (Rat)	*6970 mg/kg (Lit.)*
LD50 Dermal (Rabbit)	*> 5000 mg/kg (RTECS)*
LC50 Inhalation (Rat)	*> 49.28 mg/l/4h (External SDS)*

Methyl Acetate (CAS: 79-20-9 / EC: 201-185-2)	
LC50 Inhalation (Rat)	*16000 – 32000 (ChemInfo)*

Toluene (CAS: 108-88-3 / EC: 203-625-9)	
LD50 Oral (Rat)	*> 2000 mg/kg (Lit.)*
LD50 Dermal (Rabbit)	*12124 mg/kg (IUCLID)*
LC50 Inhalation (Rat)	*> 20 mg/l/4h (Lit.)*

Xylene (CAS: 1330-20-7 / EC: 215-535-7)	
LD50 Oral (Rat)	*4300 mg/kg (RTECS)*
LD50 Dermal (Rabbit)	*12126 mg/kg (Sigma-Aldrich)*
LC50 Inhalation (Rat)	*21.7 mg/l/4h (GESTIS Substance Database)*
LC50 Inhalation (Rat)	*6700 ppm/4h (ChemInfo)*

Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4)	
LD50 Oral (Rat)	*4720 mg/kg (ChemInfo)*
LD50 Dermal (Rabbit)	*15380 mg/kg (ChemInfo)*
LC50 Inhalation (Rat)	*17.2 mg/l/4h (IUCLID)*
LC50 Inhalation (Rat)	*4000 ppm/4h (ChemInfo)*

Isopropyl Alcohol (CAS: 67-63-0 / EC: 200-661-7)	
LD50 Oral (Rat)	*5045 mg/kg (RTECS)*
LD50 Dermal (Rabbit)	*12870 mg/kg (ChemInfo)*
LC50 Inhalation (Rat)	*73 mg/l/4h (Lit.)*
LC50 Inhalation (Rat)	*17000 ppm/4h (ChemInfo)*

Acetone (CAS: 67-64-1 / EC: 200-662-2)	
LD50 Oral (Rat)	*5800 mg/kg (Sigma-Aldrich)*
LD50 Dermal (Rabbit)	*20000 mg/kg (IUCLID)*
LC50 Inhalation (Rat)	*76 mg/l/4h (GESTIS Substance Database)*

Routes Of Exposure : *Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.*

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure : *See Section 4.2*

Skin Corrosion/Irritation : *Not classified*

Eye Damage/Irritation : *Causes serious eye irritation.*

Respiratory or Skin Sensitization : *Not classified*

Germ Cell Mutagenicity : *Not classified*

Reproductive Toxicity : *Suspected of damaging fertility or the unborn child.*

STOT-Single Exposure : *May cause drowsiness or dizziness.*

STOT-Repeated Exposure : *May cause damage to organs through prolonged or repeated exposure.*

Aspiration Hazard : *Not classified*

Vaporizer : *Aerosol*

Carcinogen Data : *The following ingredients are listed as known or suspected carcinogens:*

Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4)	
IARC group	*2B - Possibly Carcinogenic to Humans*
ACGIH Category	*A3 - Confirmed animal carcinogen with unknown relevance to humans*

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity and Ecological Properties

Carbon Dioxide (124-38-9)	
Log Pow	*0.83*

Methyl Acetate (79-20-9)	
LC50 Fish	*250 – 350 mg/l Zebra Fish - 96hr*
EC50 Daphnia	*1026.7 mg/l Water Flea - 48hr*

Methyl Acetate (79-20-9)	
EC50 Other Aquatic Organisms	*> 120 mg/l Green Algae - 72hr*
EC50 Other Aquatic Organisms	*6100 mg/l Bacteria - 30min*
Persistence and Degradibility	*Readily biodegradable in water. Inherently biodegradable. Highly mobile in soil.*
Chemical Oxygen Demand	*1511.8 mg/g*
Theoretical Oxygen Demand	*1510 mg/g*
Biodegration	*70 % 28 Days*
BCF Fish	*< 1 (BCF)*
Log Pow	*0.18*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*0.68*

Toluene (108-88-3)	
LC50 Fish	*5.8 mg/l Rainbow Trout - 96hr*
LC50 Other Aquatic Organisms	*10 mg/l Green Algae - 72hr*
EC50 Daphnia	*6 mg/l Water Flea - 48hr*
Persistence and Degradibility	*Readily biodegradable in water. Biodegradable in the soil. Low potential for absorption in soil.*
Biochemical Oxygen Demand	*2.15 g O_2/g substance*
Chemical Oxygen Demand	*2.52 g O_2/g substance*
Theoretical Oxygen Demand	*3.13 g O_2/g substance*
Biodegration	*86 % 28 Days*
Log Pow	*2.73 (Experimental Value)*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*2.15*

Xylene (1330-20-7)	
LC50 Fish	*26.7 mg/l Fathead Minnow - 96h*
EC50 Daphnia	*75.49 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*72 mg/l Green Algae - 14d*
Persistence and Degradibility	*Readily biodegradable in water.*
Biochemical Oxygen Demand	*1.4 – 2.53 g O_2/g substance*
Chemical Oxygen Demand	*2.56 – 2.91 g O_2/g substance*
Theoretical Oxygen Demand	*3.1 g O_2/g substance*
BCF Fish	*14.1 – 24 (BCF)*
Log Pow	*3.217*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*3.156*

Ethyl Benzene (100-41-4)	
LC50 Fish	*4.2 mg/l Rainbow Trout - 96hr*
EC50 Daphnia	*2.4 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*9.68 mg/l Bacteria - 30min*
EC50 Other Aquatic Organisms	*4.6 mg/l Green Algae - 72hr*
Persistence and Degradibility	*Readily biodegradable in water. Biodegradable in the soil. Low potential for absorption in soil.*
Biochemical Oxygen Demand	*1.44 g O_2/g substance*
Chemical Oxygen Demand	*2.1 g O_2/g substance*
Theoretical Oxygen Demand	*3.17 g O_2/g substance*
Biodegration	*81 % 28 Days*
BCF Fish	*1.18*
Log Pow	*3.15*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*2.4*

Isopropyl Alcohol (67-63-0)	
LC50 Fish	*9640 – 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)*
LC50 Fish	*9640 mg/l Fathead Minnow - 96h*
EC50 Daphnia	*13299 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*> 2000 mg/l Green Algae - 72hr*
Persistence and Degradibility	*Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.*

Isopropyl Alcohol (67-63-0)	
Biochemical Oxygen Demand	*1.19 g O_2/g substance*
Chemical Oxygen Demand	*2.23 g O_2/g substance*
Theoretical Oxygen Demand	*2.4 g O_2/g substance*
Biodegration	*95 % 21 DAY*
BCF Fish	*-2*
Log Pow	*0.05 (Weight of evidence approach, 25 °C)*
Bioacculative Potential	*Low potential for bioaccumulation (Log Kow < 4).*
Log Koc	*1.4*

Acetone (67-64-1)	
LC50 Fish	*5540 mg/l Rainbow Trout - 96hr*
LC50 Fish	*8300 mg/l Bluegill Sunfish - 96h*
EC50 Daphnia	*8800 mg/l Water Flea - 48hr*
Persistence and Degradibility	*Biodegradability 90% / 28 days.*
Biochemical Oxygen Demand	*1.43 g O_2/g substance*
Chemical Oxygen Demand	*1.92 g O_2/g substance*
Theoretical Oxygen Demand	*2.2 g O_2/g substance*
BCF Fish	*0.69*
BCF Other Aquatic Organisms	*3*
Log Pow	*-0.24*

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

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 : *In the United States, 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.*

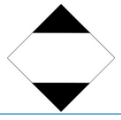
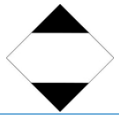
Landfill Precautions : *Not Available.*

Incineration Precautions : *** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **.*

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	:	*UN1950*	*UN1950*	*UN1950*

14.2 UN Proper Shipping Name		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	:	*Aerosols, Limited Quantity*	*Aerosols, Flammable, Limited Quantity*	*Aerosols, Limited Quantity*

14.3 Transport Hazard Class(es)		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	:	*2.1*	*2.1*	*2.1*
Labels	:	*None*	*2.1 - Flammable gas* 	*None*
Limited Quantity	:	*Yes* 	*Yes* 	*Yes* 
EmS Code	:	*Not Applicable*	*Not Applicable*	*F-D, S-U*

14.4 Packing Group		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	:	*None*	*None*	*None*

14.5 Environmental Hazards		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine Pollutant	:	*No*	*No*	*No*

14.6 Special Precautions

Precautions : *None Identified*

14.7 Transport in Bulk

Remarks : *Not applicable for product as supplied*

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

SARA Section 313 : *Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.*

Methanol	*CAS-No. 67-56-1*	*0.01 – 0.1%*
Toluene	*CAS-No. 108-88-3*	*1 – 5%*
Benzene	*CAS-No. 71-43-2*	*0.001 – 0.01%*
Xylene	*CAS-No. 1330-20-7*	*1 – 5%*
Ethyl Benzene	*CAS-No. 100-41-4*	*0.1 – 1%*
Cumene	*CAS-No. 98-82-8*	*0.001 – 0.01%*
Naphthalene	*CAS-No. 91-20-3*	*< 0.0001%*
Isopropyl Alcohol	*CAS-No. 67-63-0*	*1 – 5%*

TSCA Section 12(b) : *This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D*

CERCLA Reportable Quantity : *Chemical(s) subject to reporting requirements of Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) if released to the environment at or above the reportable quantity*

Methanol	*CAS-No. 67-56-1*	*5000 lb*
Toluene	*CAS-No. 108-88-3*	*1000 lb*
Benzene	*CAS-No. 71-43-2*	*10 lb*
Xylene	*CAS-No. 1330-20-7*	*100 lb*
Ethyl Benzene	*CAS-No. 100-41-4*	*1000 lb*
Cumene	*CAS-No. 98-82-8*	*5000 lb*
Naphthalene	*CAS-No. 91-20-3*	*100 lb*
Acetone	*CAS-No. 67-64-1*	*5000 lb*

15.2 State Regulations

California Proposition 65 : *This product contains chemcials known to the State of California to cause cancer, birth defects or other reproductive harm.*

Benzene (71-43-2)	*Cancer*	*Yes*	*0.004 %*
Ethyl Benzene (100-41-4)	*Cancer*	*Yes*	*0.4431 %*
Cumene (98-82-8)	*Cancer*	*Yes*	*0.0089 %*
Naphthalene (91-20-3)	*Cancer*	*Yes*	*0.0 %*
Methanol (67-56-1)	*Developmental Toxicity*	*Yes*	*0.0701 %*
Toluene (108-88-3)	*Developmental Toxicity*	*Yes*	*2.9531 %*
Benzene (71-43-2)	*Developmental Toxicity*	*Yes*	*0.004 %*

Toluene (108-88-3)	*No significance risk level (NSRL)*	*7000 µg/day*	
Benzene (71-43-2)	*No significance risk level (NSRL)*	*6.4 µg/day*	
Ethyl Benzene (100-41-4)	*No significance risk level (NSRL)*	*54 µg/day*	
Naphthalene (91-20-3)	*No significance risk level (NSRL)*	*5.8 µg/day*	

State Right-to-Know Lists : *The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated*

Carbon Dioxide (124-38-9)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Methanol (67-56-1)	*U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Methyl Acetate (79-20-9)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Toluene (108-88-3)	*U.S. - Massachusetts - Right To Know List* *U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Benzene (71-43-2)	*U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Xylene (1330-20-7)	*U.S. - Massachusetts - Right To Know List* *U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Ethyl Benzene (100-41-4)	*U.S. - Massachusetts - Right To Know List* *U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Cumene (98-82-8)	*U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Naphthalene (91-20-3)	*U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Isopropyl Alcohol (67-63-0)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Acetone (67-64-1)	*U.S. - Massachusetts - Right To Know List* *U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*

SECTION 16 - OTHER INFORMATION

Indication of changes :

Section	*Changed item*	*Change*
1	Supersedes	Added
1	Revision date	Modified
1	SDS ID	Modified
1	Product code	Modified
1	Name	Modified
8.2	Respiratory Protection	Added
15	Select the Appropriate Proposition 65 Notice	Added