sunnyside

SUNNYSIDE ZERO VOC XYLENE/TOLUENE REPLACEMENT

DESCRIPTION

Zero VOC Xylene/Toluene Replacement is used to replace Xylene, Toluene and other volatile organic compounds when a low or zero VOC replacement is required.

ITEM NUMERS & SIZES

Pint	Quart	1-Gallon	2.5-Gal.	5-Gal.	55-Gal.
	47432	474G1		474G5	

HAZARDOUS INGREDIENTS

Ingredient	CAS#
Acetone	67-64-1
Parachlorobenzo-trifluoride	98-56-6

PHYSICAL PROPERTIES

Typical Properties	Results
GRAVITY, (60 °F)	
API	
SPECIFIC	0.875
DENSITY (Lb./GAL)	7.29
DISTILLATION RANGE E IBP ° F	133
FREEZING POINT, °F (°C)	
KAURI BUTANOL (Kb) VALUE	
ANILINE POINT, °F	
FLASH POINT, T.C.C. °F	0
FLAMMABLE LIMITS IN AIR, % BY VOLUME	
LOWER, AT 100°F (38°C)	
UPPER, AT 200°F (93°C)	
AUTOIGNITION TEMPERATURE, °F (°C)	
COLOR (Pt-Co) Max.	5
DOCTOR TEST	
CORROSION, 3 HRS. @ 212 °F	
NON-VOLATILES, g/100ml	
ACIDITY (as Acetic Acid)	0.002 max.
ALKALINITY (AS NH3, WT%)	0.001 max.
EVAPORATION RATE	Slower than ether
APPEARANCE	Clear, water-white
ODOR	Characteristic, Nonresidual
VAPOR PRESSURE, mm Hg @ 20 °C	
REFRACTIVE INDEX, @ 20 °C	
SULFUR CONTENT, PPM	
PURITY, by G.C., Wt%	
WATER CONTENT, Wt%	0.5 Max.
WATER MISCIBILITY	Partial
DOT SHIPPING NAME	Acetone solution
DOT CLASSIFICATION	Hazard Class III
SHIPPING Wt. at 20 °C	7.29
V.O.C. (g/L)	0-Exempt

These properties are repesentative of typical inspections. They do not constitute product specifications. Consult MSDS sheet for additional information.

SAFETY INFORMATION

HEALTH:	2
FIRE:	3
REACTIVITY:	0

PRODUCT APPLICATION

Zero VOC Xylene/Toluene Replacement can be used to thin hard to thin oil based coatings, such as porch and deck enamels, ani-rust paints and many other synthetic enamels. Excellent for clean up of brushes and equipment.

TEST METHOD

ASTM	Applied
D-278	
D-1298	■
	■
D-86	
D-1133	
D-611	
D-56	■
D-1255	
D-156	■
D-484	
D-130	
D-1353	
D-847	
D-1614	
D-1296	■
D-1218	
D-1266	
D-1364	
D-1722	

See MSDS sheeet for additional Health, Safety, Handling and Regulatory Information available on our website at www.sunnysidecorp.com/msds.html

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name **Xylene Toluene Replacement**

Other means of identification

UN-No. UN1090

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Solvent mixture

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Sunnyside Corporation

Supplier Address 225 Carpenter Avenue
Wheeling
IL
60090
US

Supplier Phone Number Phone:8475415700
Fax:8475419043

Supplier Email sscontact@sunnysidecorp.com

Emergency telephone number **Chem Trec 800-424-9300**

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Harmful to aquatic life with long lasting effects
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION
Exposure to chlorinated hydrocarbons, such as chloroform and trichloroethane, may increase toxic effects
INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS

Interactions with Other Chemicals
Use of alcoholic beverages may enhance toxic effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Supplier Trade Secret	Proprietary	60 - 100	*
Supplier Trade Secret	Proprietary	10 - 30	*

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice Show this safety data sheet to the doctor in attendance.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Skin contact Get medical attention if irritation develops and persists. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

Ingestion Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

Other Information Water spray may reduce vapor; but may not prevent ignition in closed spaces.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for cleaning up Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products Strong acids. Strong oxidizing agents. Strong bases. Chlorinated compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Partially soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability
Stable under recommended storage conditions.
Possibility of Hazardous Reactions
None under normal processing.
Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
Heat, flames and sparks.
Incompatible materials
Strong acids. Strong oxidizing agents. Strong bases. Chlorinated compounds.
Hazardous Decomposition Products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Specific test data for the substance or mixture is not available.
Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching, and pain. May cause temporary eye irritation.
Skin contact	Specific test data for the substance or mixture is not available. Expected to be an irritant

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret		96h LC50: 4.74 - 6.33 mL/L (Oncorhynchus mykiss) 96h LC50: 6210 - 8120 mg/L (Pimephales promelas) 96h LC50: = 8300 mg/L (Lepomis macrochirus)	EC50 = 14500 mg/L 15 min	48h EC50: 10294 - 17704 mg/L 48h EC50: 12600 - 12700 mg/L
Supplier Trade Secret		48h LC50: 11.5 - 15.8 mg/L (Lepomis macrochirus)	EC50 = 11.1 mg/L 5 min EC50 = 13.4 mg/L 15 min EC50 = 14.3 mg/L 30 min	48h EC50: = 3.68 mg/L

Persistence and Degradability
No information available.

Bioaccumulation

Chemical Name	Log Pow
Supplier Trade Secret	-0.24
Supplier Trade Secret	3.7

Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number D001

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Supplier Trade Secret		Included in waste stream: F039		U002

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Supplier Trade Secret	Ignitable

14. TRANSPORT INFORMATION

DOT

ADN

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Classification code	F1
Description	UN1090, ACETONE, 3, II
Hazard Labels	3
Limited Quantity	1 L
Ventilation	VE01

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.
IECSC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Supplier Trade Secret	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret		X		X	

International Regulations

Mexico
National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Supplier Trade Secret (60 - 100)		Mexico: TWA= 1000 ppm Mexico: TWA= 2400 mg/m³ Mexico: STEL= 1260 ppm Mexico: STEL= 3000 mg/m³

Mexico - Occupational Exposure Limits - Carcinogens

Canada
WHMIS Hazard Class
B2 - Flammable liquid
D2B - Toxic materials

16. OTHER INFORMATION

NFPA	**Health Hazards** 2	**Flammability** 3	**Instability** 0	**Physical and Chemical Hazards** -
HMIS	**Health Hazards** 2	**Flammability** 3	**Physical Hazard** 0	**Personal Protection** X

Prepared By
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1-800-572-6501

Issuing Date 05-May-2015
Revision Date 05-May-2015
Revision Note No information available

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Description	UN1090, ACETONE, 3, II
Emergency Response Guide Number	127

TDG

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Description	UN1090, ACETONE, 3, II, MARINE POLLUTANT

MEX

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Description	UN1090, ACETONE, 3, II

ICAO

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Description	UN1090, ACETONE, 3, II

IATA

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Description	UN1090, ACETONE, 3, II

IMDG/IMO

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
EmS-No.	F-E, S-D
Description	UN1090, ACETONE, 3, II, (0°C C.C.), MARINE POLLUTANT

RID

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Classification code	F1
Description	UN1090, ACETONE, 3, II

ADR

UN-No.	UN1090
Proper Shipping Name	ACETONE
Hazard Class	3
Packing Group	II
Classification code	F1
Tunnel restriction code	(D/E)
Description	UN1090, ACETONE, 3, II

based on components. Irritating to skin. Prolonged contact may cause redness and irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	-	-	= 50100 mg/m³ (Rat) 8 h
Supplier Trade Secret	= 13 g/kg (Rat)	> 2 mL/kg (Rabbit)	= 33 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms Erythema (skin redness). May cause redness and tearing of the eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity No known effect based on information supplied.

Target Organ Effects Respiratory system. Eyes. Skin. Central Nervous System (CNS). Blood.

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)
56,399.00 mg/kg
ATEmix (inhalation-dust/mist)
68.00 mg/l

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm 10% LEL TWA: 250 ppm TWA: 590 mg/m³
Supplier Trade Secret	TWA: 2.5 mg/m³ F	TWA: 2.5 mg/m³ F TWA: 2.5 mg/m³ dust (vacated) TWA: 2.5 mg/m³	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection None required for consumer use. If splashes are likely to occur:. Tight sealing safety goggles.

Skin and body protection Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves. Chemical resistant apron. Antistatic boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid		
Appearance	Clear, colorless	**Odor**	Solvent
Color	No information available	**Odor Threshold**	No information available

Property	Values	Remarks Method
pH	UNKNOWN	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	56 °C / 133 °F	None known
Flash Point	0 F	None known
Evaporation Rate	No data available	None known

precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Burning sensation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media
CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
Vapors can form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Uniform Fire Code Irritant: Liquid
Flammable Liquid: I-B

Hazardous Combustion Products
Carbon oxides.

Explosion Data
Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters
Move containers from fire area if you can do it without risk.

Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

GHS Label elements, including precautionary statements

Emergency Overview

Signal word **Danger**

Hazard Statements
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation. May cause drowsiness or dizziness
Highly flammable liquid and vapor

Appearance Clear, colorless **Physical state** Liquid **Odor** Solvent

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ ventilating/ lighting/ equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool
Wear eye/face protection

Precautionary Statements - Response
Specific treatment (see supplemental first aid instructions on this label)

Eyes
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

Skin
If skin irritation occurs: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell

Fire
In case of fire: Use CO2, dry chemical, or foam for extinction