



SAFETY DATA SHEET

IMMIX Chemical & Solutions

Freshen

Revision Date

05/25/2018

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Freshen **PRODUCT USE** Odor Counteractant & Encapsulation **ITEM** 345
COMPANY NAME IMMIX Chemical & Solutions Company **Office** 501-286-5305
 2693 2nd St Cabot
 Cabot AR 72023
EMERGENCY TELEPHONE NUMBER **INFOTRAC** **(800) 535-5053**

SECTION – 2 HAZARDS INFORMATION



Irritant (skin and eye)

WARNING! Causes eye irritation. Causes mild skin irritation. Mist may be harmful if inhaled. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Avoid release to the environment

SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret.)

<u>CHEMICAL NAME</u>	<u>COMMON NAME AND SYNONYMS</u>	<u>CAS #</u>	<u>IMPURITIES</u>	<u>PERCENT</u>
Nonylphenol Ethoxylate	Polyoxyethylene Nonyl Phenyl Ether	127087-87-0		1 - 3%
Isopropyl Alcohol	Isopropanol, 2-propanol	67-63-0	Water <1%	1 - 3%

SECTION – 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids. Remove contact lenses if present and easy to do without injury to the eye and continue rinsing. If irritation persists obtain immediate medical attention, preferably from an ophthalmologist.

SKIN CONTACT Wash contaminated skin with plenty of water. Remove any contaminated clothing and wash before reuse. If irritation is present or occurs obtain medical attention.

INHALATION Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention.

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs.

Aspiration Hazard Not applicable

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation
Skin May cause mild skin irritation
Inhalation Mists may cause mild irritation
Ingestion May be harmful If swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye irritation
Skin Can cause mild skin irritation, drying and cracking
Inhalation May be harmful if inhaled. May cause nose, throat and respiratory tract irritation
Ingestion Harmful If swallowed. May cause burning in the throat and stomach. Slight acute toxicity if swallowed

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media	Suitable: Use DRY chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials
Hazardous Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes
Reactive With	Incompatible with, strong oxidizing agents, strong reducing agents, strong bases, strong acids
Explosion Hazards	Not applicable
Static Discharge	Not applicable
Mechanical Impact	Not applicable
Protective Equipment	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

FLAMMABLE LIQUIDS HAZARD CLASSIFICATION	
Criteria	Flash point > 93.3°C (200°F)
NFPA Class	III B
GHS	Not applicable
WHMIS	Not applicable

NFPA HAZARD RATINGS	
Health	1
Flammability	0
Reactivity	0
Personal Protection	FBG

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personnel to move away
Personal Precautions	Ventilate area
Protective Equipment	Safety Glasses, Chemical Gloves and Rubber Boots
Containment	Cover or dike any floor drains with an inert material to prevent product from entering the environment
Clean Up Procedures	Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water Large Spills: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container Vacuum or sweep up material and place in a disposal container
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling	Use appropriate safety equipment. Avoid eye and skin contact. May be harmful if inhaled. Harmful if swallowed. Avoid release to the environment
Storage	Keep container closed when not in use and store away from incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents, strong bases, strong acids

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS					Significant Exposure
CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	
Nonylphenol Ethoxylate	Not Established				
Isopropyl Alcohol	200 ppm (A4)	400 ppm	400 ppm	400 ppm	

PERSONAL PROTECTIVE EQUIPMENT



Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



Eye Wash (Recommended)



Ventilation

General Ventilation

Ventilate to keep vapors of this material below the lowest ppm listed above. If over Threshold Limit Value use NIOSH approved respirator.

HMIS HAZARD RATINGS

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	> 100°C (212°F)	Specific Gravity / Relative Density	1.00
Flammable Limits	ND	Molecular Weight	ND
Auto-Ignition Temp.	ND	Initial Boiling Point	ND
Physical State	Liquid	Boiling Range	ND
Appearance	Clear Amber	Vapor Pressure	ND
Odor	Fresh Sent	Vapor Density	ND
Odor Threshold	ND	Freeze Point	ND
Solubility	100%	Melting Point	ND
Volatiles	< 88%	Partition Coefficient	ND
VOC	< 1%	Decomposition Temperature	ND
pH	4.5	Evaporation Rate	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable when stored below 49°C (120°F)
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents, strong reducing agents, strong bases, strong acids
Thermal Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes	Can cause eye irritation
Skin	May cause mild skin irritation
Inhalation	Mists may cause mild irritation
Ingestion	May be harmful If swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes	Causes serious eye irritation
Skin	Can cause mild skin irritation, drying and cracking
Inhalation	May be harmful if inhaled. May cause nose, throat and respiratory tract irritation
Ingestion	Harmful If swallowed. May cause burning in the throat and stomach. Slight acute toxicity if swallowed
Target Organs	Kidneys, Liver, Respiratory Tract, Eyes (Lens or cornea), Skin
Medical Conditions	Preexisting, eye, skin, liver, kidney, respiratory, disorders may be aggravated by exposure to this product
Notes to Physician	In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

CHEMICAL NAME	NTP	ACGIH	IARC	GHS Category
None Listed				

MUTAGENIC AND TERATOGENIC EFFECTS – May cause fetal and reproductive abnormalities.

CHEMICAL NAME	Mutagenic	Teratogenic	Developmental	GHS Category
None Listed				

SECTION – 11 TOXICOLOGICAL INFORMATION - CONTINUED

<u>ACUTE TOXICITY</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Isopropyl Alcohol	LD50	Oral	Mouse	3,600 mg/kg	4 Hour	5 (>2000 mg/kg)
	LC50	Inhalation	Rat	16,000 ppm		5 (>20 mg/L)
	LD50	Dermal	Rabbit	12,800 mg/kg		5 (>2000 mg/kg)
Nonylphenol Ethoxylate	LD50	Oral	Rat	16,000 mg/kg		5 (>2000 mg/kg)
	LD50	Dermal	Rabbit	4,490 mg/kg		5 (>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject</u>	<u>Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Isopropyl Alcohol	LC50	Fish	(Leuciscus idus)	>100 mg/L		4 (>100 mg/L)
	EC50	Water flea	(Daphnia magna)	5,102.00 mg/L		4 (>100 mg/L)
	LC50	Fathead Minnow	(Pimephales promelas)	9,640.00 mg/L		4 (>100 mg/L)
Nonylphenol Ethoxylate	LC50	Fathead Minnow	(Pimephales promelas)	3.8 mg/L	96 Hour	2 (>1, ≤10 mg/L)
	LC50	Water Flea	(Daphnia magna)	9.3 mg/L	48 Hour	2 (>1, ≤10 mg/L)

Persistence And Degradability No specific biodegradation test data was located

Bioaccumulative Potential No data available

Mobility In Soil No data available

Other Adverse Effects No data available

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste.

This material as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its composition containing in some or all of its components.

The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270. Disposal can only occur in properly permitted facilities.

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

SECTION – 14 TRANSPORT INFORMATION**D.O.T. CLASSIFICATION**

<u>UN Number</u>	<u>Proper Shipping Name</u>				
Not Regulated	Non Hazardous – Compounds Cleaning Liquid				
<u>Hazard Class</u>	<u>Packing Group</u>	<u>Label Codes</u>	<u>Reportable Quantity (lbs)</u>	<u>Response Code</u>	<u>Marine Pollutant</u>
None	PGIII	None	NA	154	No

TSCA

CHEMICAL NAME	Sec 8(b) Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
Isopropyl Alcohol	Yes	Yes		

REPORTABLE QUANTITIES

CHEMICAL NAME	Extremely Hazardous EPCRA TPQ Sec 302	Reportable Quantity EPCRA RQ Sec 304	Emission Reporting CERCLA RQ Sec 103	TRI Sec 313	RCRA Code	RMP TQ Sec 112r
2-Propanol				Yes		

SARA

CHEMICAL NAME	Section 311				Section 311 / 312 Hazards		
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive	
Isopropyl Alcohol	Yes	Yes	Yes	Yes			
Nonylphenol Ethoxylate	Yes	Yes					

RIGHT TO KNOW

CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Isopropyl Alcohol			Yes			Yes		Yes		Yes	Yes	Yes	
Nonylphenol Ethoxylate						Yes		Yes					

CALIFORNIA

WARNING! This product contains chemicals known to the state of California to cause:						
CHEMICAL NAME	CAS #	Birth Defects	Reproductive Harm	Carcinogen	Developmental	
None Listed						

CLEAN AIR WATER ACTS

CHEMICAL NAME	CAS #	Clean Air Acts			Clean Water Acts		
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
None Listed							

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
Isopropyl Alcohol	Yes	Yes	Yes	Yes	Yes	Yes

WHMIS Classification

CHEMICAL NAME	DSL	Class	Description
Isopropyl Alcohol	Yes	D-2B	Materials Causing Other Toxic Effects; Toxic Material (Eye / Skin Irritation - Reversible Damage)

DSCL (EEC)

Code	Definition (R-Phrases / S-Phrases)
R22	Harmful if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
S2	Keep out of the reach of children
S61	Avoid release to the environment. Refer to special instructions/safety data sheet
S20/21	When using do not eat, drink or smoke
S24/25	Avoid contact with skin and eyes

SECTION – 16 OTHER INFORMATION

SDS	Legend Description		
ACGIH	American Conference of Governmental Industrial Hygienists	NTP	National Toxicology Program
CAS	Chemical Abstracts Service Registry	OSHA	Occupational Safety and Health Administration
CEIL	Ceiling Limit (15 minutes)	PEL	Permissible Exposure Limit (OSHA)
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	PP	California Priority Pollutant under the Clean Water Act
EPA	Environmental Protection Agency	REL	Recommended exposure limit (NIOSH)
FBG	Full Bunker Gear	SARA	Superfund Amendments and Reauthorization Act
HAP	California Hazardous air pollutant Clean Air Act	STEL	Short Term Exposure Limit (15 minutes)
HMIS-A	Safety Glasses	HMIS-B	Safety glasses, gloves
HMIS-C	Safety glasses, gloves, chemical apron	HMIS-D	Face shield, gloves, chemical apron
HMIS-E	Safety glasses, gloves, dust respirator	HMIS-F	Safety glasses, gloves, chemical apron, dust respirator
HMIS-G	Safety glasses, gloves, vapor respirator	HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator
HMIS-I	Safety glasses, gloves, dust and vapor respirator	HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	HMIS-X	Ask Supervisor
HS	California Hazardous Substance under the Clean Water Act	TSCA	Toxic Substances Control Act
IARC	International Agency for Research on Cancer	TC Lo	Air concentration that is lethal to 50% of a given species in a given time
LC50	Air concentration that is lethal to 50% of a given species in a given time	TD Lo	Lowest dose that is toxic to a given species
LD50	Dose that is lethal to 50% of a given species by a given route of exposure	TLV	Threshold Limit Value (ACGIH)
LEL	Lower Explosive Limit	TP	California Toxic Pollutant under the Clean Water Act
ND	Not Determined	TWA	Time Weighted Average (8 hours)
NFPA	National Fire Protection Association	UEL	Upper Explosive Limit
NIOSH	National Institute for Occupational Safety and Health	WHMIS	Worker Hazardous Materials Information System (Canada)

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Supersedes Safety Data Sheet Dated