SAFETY DATA SHEET

Date Prepared : 11/05/2020
SDS No : JEMStrip427US
Date Revised : 12/01/2020
Revision No : 2

JEMStrip 427

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: JEMStrip 427
GENERAL USE: Hot tank stripper with oil seal
PRODUCT DESCRIPTION: Paint & Coatings Remover
CHEMICAL FAMILY: Mixture

MANUFACTURER

Jem Chemical
814 Castro Street
San Leandro, CA 94577
Customer Service: 888-819-9620
E-Mail: info@jemchemical.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553
CANUTEC (Canadian Transportation) : (613) 996-6666
CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2A
Skin Irritation, Category 2
Reproductive Toxicity, Category 1B
Target Organ Toxicity (Single exposure), Category 3

GHS LABEL

Read label before use.

Irritant

Health hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
May damage fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

PRECAUTIONARY STATEMENTS

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General:

Wear protective gloves/protective clothing/eye protection/face protection.
Keep away from heat and flame.
Keep away from hot surfaces, sparks, open flames and other ignition sources
Avoid breathing dust/fume/gas/mist/vapours/spray.
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.

POTENTIAL HEALTH EFFECTS

EYES: Can cause severe eye irritation.

SKIN: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

SKIN ABSORPTION: Prolonged skin absorbtion can be harmful.

INGESTION: Nausea, diarrhea, gastrointestinal irritation

INHALATION: High vapor concentrations are irritating to the eyes, nose, throat and lungs.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
1-methyl-2-pyrrolidinone	~ 40 - 60	872-50-4
Gasoil - Unspecified - Distillates (petroleum), Hydrotreated Middle	~ 10 - 20	64742-46-7
D-gluconic acid, compound with aminoethanol	~ 12 - 18	20405-61-2
Proprietary, non-regulated, non-hazardous	~ 1 - 5	N/A
Ethanol, 2-amino-	~ 1 - 3	141-43-5
C12-16 Ethoxylated Alcohol	~ 1 - 5	68551-12-2
C12-13 Alcohol Ethoxylate	~ 1 - 3	66455-14-9

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: In the case of skin irritation or alergic reactions, consult a physician.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, redness, watering eyes

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SKIN: Itching, redness.

SKIN ABSORPTION: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INGESTION: May be harmful if swallowed and enters airways.

INHALATION: High vapor concentrations are irritating to the eyes, nose, throat and lungs.

ACUTE EFFECTS: Not Established

CHRONIC EFFECTS: Not yet Known

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Combustible Liquid in bulk containers > 119 gallons

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

FIRE FIGHTING PROCEDURES: Fight fire with normal precautions from a reasonable distance.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

FIRE EXPLOSION: None Expected.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up wash liquid with additional absorbent and place in a disposable container.

LARGE SPILL: Dike area in front of spill and contain for appropriate disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Not Established

LAND SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

AIR SPILL: Not Established

7. HANDLING AND STORAGE

HANDLING: Use good industrial practice.

STORAGE: Store in a cool place in original container and protect from sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
Ethanol, 2-amino-	**ACGIH TLV**	**TWA**	3	7.5
	STEL	6	15	
	OSHA PEL	**TWA**	3	6
	Supplier OEL	**TWA**	NL	NL
	STEL	NL	NL	

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Should wear gloves when handling.

RESPIRATORY: [In case of inadequate ventilation] wear respiratory protection.

PROTECTIVE CLOTHING: Wear appropriate protective clothing as required

WORK HYGIENIC PRACTICES: Wash hands before eating and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Boiling Point (°C)	Specific Gravity
1-methyl-2-pyrrolidinone	204	202	1.026

ODOR: Bland

APPEARANCE: Clear liquid

COLOR: Amber

pH: ~ 10.5 to 11.5

PERCENT VOLATILE: Not Established

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FLASH POINT AND METHOD: > (200°F) Closed Cup
AUTOIGNITION TEMPERATURE: Not Established
VAPOR PRESSURE: Not Established
BOILING POINT: Not Established
SOLUBILITY IN WATER: Miscible

SPECIFIC GRAVITY: 0.98 to 1.00
VISCOSITY #1: ~
(VOC): ≤ 90 grams / litre EPA method 24 & ASTM D-3960

10. STABILITY AND REACTIVITY

REACTIVITY: None
HAZARDOUS POLYMERIZATION: Will not occur
STABILITY: Stable
CONDITIONS TO AVOID: Avoid high temperatures, ignition sources and incompatible materials.
INCOMPATIBLE MATERIALS: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD_{50}	DERMAL LD_{50}	INHALATION LC_{50}
1-methyl-2-pyrrolidinone	3914	2200 to 4000	> 5100

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Expected to biodegrade readily.
ECOTOXICOLOGICAL INFORMATION: Not Established
BIOACCUMULATION/ACCUMULATION: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Always check with local authorities regarding disposal of chemical products
FOR LARGE SPILLS: Dike area in front of spill and contain for appropriate disposal.
EMPTY CONTAINER: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

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PROPER SHIPPING NAME: Compounds, cleaning liquid, NOT DOT Regulated (non-bulk)

BULK FREIGHT CLASS: Class 3

PLACARDS: 1993

LABEL: Combustible liquids, n.o.s.

AIR (ICAO/IATA)

SHIPPING NAME: No further information available.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
1-methyl-2-pyrrolidinone	~ 40 - 60	872-50-4

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Not applicable.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
1-methyl-2-pyrrolidinone	872-50-4
Gasoil - Unspecified - Distillates (petroleum), Hydrotreated Middle	64742-46-7
Ethanol, 2-amino-	141-43-5

TSCA STATUS: All components are listed on the TSCA inventory

CALIFORNIA PROPOSITION 65

Chemical Name	Wt.%	Listed
1-methyl-2-pyrrolidinone	~ 40 - 60	Developmental Toxicity

16. OTHER INFORMATION

PREPARED BY: G.Westlund **Date Revised:** 12/01/2020

REVISION SUMMARY: This SDS replaces the 12/01/2020 SDS. Revised: **Section 1:** GENERAL USE. **Section 2:** . **Section 9:** BOILING POINT, SOLUBILITY IN WATER, SPECIFIC GRAVITY, (VOC).

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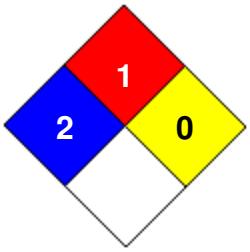
HMIS RATING

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

NFPA CODES



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