

SAFETY DATA SHEET (SDS)

Section 1: Identification


Product Name	Citrus All-Purpose Cleaner	Company
Product number	PAK5784	Big 3 Packaging LLC
Brand	PAK-IT	1812 44 th Avenue East
Chemical Name	Surfactant and Fragrance Blend	Bradenton, FL 34203
Recommended Usage	Cleaning agent	Phone: 215-743-4201 -or- 1-866-697-2548
Pod Size	12 grams	Fax 215-288-0847
		sds@big3packaging.com www.big3packaging.com
Emergency Response Number:		1-800-535-5053
International Emergency Response Number:		1-352-323-3500
--- IN EMERGENCY CALL 911 ---		

Section 2: Hazard(s) Identification

The hazard classification and label elements in this Safety Data Sheet reflect the intrinsic properties of the CONCENTRATE in its sealed water-soluble pod. The hazard and precautionary statements ONLY apply to spills and handling exposure to the concentrate itself outside of the sachet and in large quantities.

The pod when intact provides a barrier to dermal and inhalation exposure under conditions of normal handling and use. The product when used as recommended and diluted according to the manufacturers specifications is not classified as hazardous and does NOT require any Personal Protective Equipment (PPE).

Hazard Classification here

Hazard Classification of substance/mixture:	Hazard Statements:	Signal Word(s):
Skin Irritation - Category 2 Eye Damage/Irritation - Category 1 Acute Toxicity-Oral-Category 4 Hazardous to the Aquatic Environment-(Acute Hazard)-Category 3 Hazardous to the Aquatic Environment-(Chronic Hazard)-Category 3 Reproductive Toxicity - Category 2 Specific Target Organ Toxicity - Category 3 Affected Organ(s) - Respiratory	Harmful if swallowed. Causes skin irritation. Causes serious eye damage. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.	DANGER!
Pictogram:		
		

Precautionary Statements Prevention:	Precautionary Statements Response:
Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. 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. Avoid release to the environment	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN: Wash with plenty of water and mild soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. IF INHALED: Remove victim to fresh air and keep comfortable for breathing
Precautionary Statements Storage:	Precautionary Statements Disposal:
Store locked up. Store in a well-ventilated place. Keep container tightly closed.	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	% by Weight.
Surfactant		Proprietary	40-50
N-Methylpyrrolidone		872-50-4	15-20
Hexylene glycol		107-41-5	5-15
Diethanolamine		111-42-2	5-10

Additional information: N/A

Section 4: First-Aid Measures

Eyes: Immediately flush eyes with clean water for at least 15 minutes and get medical attention.

Skin: If skin irritation is severe or continues, get medical attention. Remove contaminated clothing and wash affected skin areas with mild soap and water.

Inhalation: If affected by breathing vapor, remove individual to fresh air. If breathing is difficult, get medical attention.

Ingestion: If swallowed contact physician or poison control center. Never give anything by mouth if victim is unconscious. Induce vomiting only on advice of physician.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, dry chemical foam. If water must be used, use as a spray only.

Fire Fighting Procedures: Water spray should be used to keep fire exposed containers cool.

Precautions for Fire Fighting: Use water mist only if necessary because this material will float on water and may possibly spread the fire.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, and various hydrocarbons may be released during a fire.

Section 6: Accidental Release Measures

Personal precautions/protective equipment: Remove all unnecessary personnel and ventilate area. For personal protective equipment see Section 8.

Environmental precautions: Keep run off out of municipal sewers and open bodies of water.

Methods for cleaning up: Pick up remaining material with a suitable absorbent. Contain the spill.

Section 7: Handling and Storage

Precautions for Safe Handling: Keep container closed when not in use. Wash contaminated clothing before re-wearing. Wear chemical resistant gloves. Wear chemical splash goggles. Product will cause floors to become very slippery when it is spilled on them.

Conditions for Safe Storage: Store at normal temperatures and conditions of warehousing. Keep container tightly closed and stored in a well-ventilated place.

Incompatibilities: Strong oxidizers.

Section 8: Exposure Controls/Personal Protection

Chemical Name	CAS#	Exposure Limit/Value	Type	Source
Surfactant	Proprietary	None	None	None
N-Methylpyrrolidone	872-50-4	None	None	None
Hexylene Glycol	107-41-5	25 ppm	TLV	ACGIH
Diethanolamine	111-42-2	1 mg/m ³	TWA	ACGIH

Appropriate Engineering Controls: Safety shower/eye bath. Good general ventilation should be used. Ventilation rates should be matched to conditions present.

PERSONAL PROTECTIVE EQUIPMENT

Eyes: Chemical splash goggles and face shield (8' min).

Skin: Wear chemical resistant gloves, clothing, and footwear.

Respiratory: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134.

Section 9: Physical and Chemical Properties

Appearance: Clear Orange Liquid	Specific Gravity @ 25C: 0.95	Melting Point: Not Available
Odor: Citrus	Boiling Point: Not available	Freezing Point: Not Available
pH: 9.0-10.0	Flash Point: >90C	Vapor Pressure @ 25C: Not Available
Solubility in Water: Replace this text	Viscosity @ 25C: 1-25 cP	Evaporation Rate: Not Available

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Section 10: Stability and Reactivity

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Stable under typical warehouse storage conditions.

Incompatible materials: Strong Oxidizers.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, and various hydrocarbons may be released during a fire.

Possibility of hazardous reactions: None are known.

Section 11: Toxicological Information

ACUTE HEALTH EFFECTS:

Eyes: Will cause moderate to severe eye irritation. Can cause severe eye irritation or burns.

Skin: Will cause skin irritation. Can cause skin burns.

Ingestion: Swallowing this product may cause gastrointestinal irritation, diarrhea, nausea, and vomiting.

Inhalation: May cause irritation to the respiratory tract and lungs if inhaled. Avoid prolonged or repeated breathing of spray mist or dust.

Chronic Health Effects: Listed by IARC as a Category 2B possible carcinogen.

TOXICITY VALUES:

Component: M-pyrol
LD50 Oral (rat) 4,150 mg/kg
LC50 inhalation (rat) >5.1 mg/L
LD50 Dermal (rat) >5,000 mg/kg

Diethanolamine
LD50 Oral (rat) 710 mg/kg

Section 12: Ecological Information

Ecotoxicity:

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Component: M-pyrol

LC50 (96 h) > 500 mg/l, Salmo Gairdneri, Syn. O. MYKISS (Static)

Ec50 (24 h) > 1,000 mg/l, Daphnia Magna (DIN 38412 Part 11, Static)

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13: Disposal Considerations

Dispose of only by methods approved by and used in accord with local, state, and federal regulations.

Section 14: Transport Information

DOT Road Shipment Information (49 CFR 172.101): UN3082, environmentally hazardous substance, liquid, N.O.S. (contains Diethanolamine), 9, PG III, ERG# 171

Ocean Shipment (IMDG): UN3082, environmentally hazardous substance, liquid, N.O.S. (contains Diethanolamine), 9, PG III, ERG# 171

Air Shipment (IATA): UN3082, environmentally hazardous substance, liquid, N.O.S. (contains Diethanolamine), 9, PG III, ERG# 171

Section 15: Regulatory Information

US FEDERAL REGULATIONS

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances: No

Section 304 CERCLA Hazardous Substances: No

SARA Section 311/312 Hazards Categories:

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

SARA Section 313 (specific toxic chemical listings): This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

Diethanolamine, CAS# 111-42-2

CLEAN AIR ACT, SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS):

TSCA (Toxic Substances Control Act): All components of this product are listed in the TSCA Inventory

US STATES REGULATIONS:

Chemical Substances	New Jersey	Pennsylvania	Massachusetts
1-Methyl-2-Pyrrolidinone CAS: 872-50-4	X		

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Hexylene Glycol CAS 107-41-5	X		
Diethanolamine CAS 111-42-2	X	X	

California Prop. 65: This product can expose you to chemicals including Diethanolamine, which is known to the State of California to cause cancer. For more information go to <http://www.P65Warnings.ca.gov>.

Section 16: Other Information

General Information

Attention: Attention: Do not reuse container for purposes other than originally intended. Emptied container retains vapor or product residue. Do not reuse unless container is thoroughly reconditioned. For industrial use only. Use only according to information contained in the technical bulletin and SDS.

Additional: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guarantee expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer (Big 3 Packaging, LLC) assumes no responsibility for injury from the use of this product. Be safe read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it.

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