



BIG 3 PACKAGING, LLC

Safety Data Sheet Low Foam Extraction Cleaner

SDS no. B3P3592 • Version 1.2 • Date of issue: 2023-03-08

SECTION 1: Identification

GHS Product identifier

Product name	Low Foam Extraction Cleaner
Product number	PAK5929
Brand	PAK-IT

Recommended use of the chemical and restrictions on use

Concentrated neutral cleaner and stripper neutralizer

Supplier's details

Name	Big 3 Packaging, LLC
Address	1812 44th Avenue East Bradenton Florida 34203 United States
Telephone	215-743-4201
email	sds@big3packaging.com

Emergency phone number	1-800-535-5053 1-352-323-3500
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SECTION 2: Hazard identification

General hazard statement

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).

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Toxic to reproduction, Cat. 2

GHS label elements, including precautionary statements

Pictograms



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Signal word

Warning

Hazard statement(s)

Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
Harmful if inhaled
May cause drowsiness or dizziness
Suspected of damaging fertility or the unborn child

Precautionary statement(s)

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fume/gas/mist/vapors/spray. Wash hands or exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see first aid on this label). Take off contaminated clothing and wash it before reuse.

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

Disposal Dispose of contents/container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Hexylene glycol (CAS no.: 107-41-5; EC no.: 203-489-0; Index no.: 603-053-00-3)	30 - 35 % (weight)
Butoxyethanol (CAS no.: 111-76-2; EC no.: 203-905-0; Index no.: 603-014-00-0)	25 - 30 % (weight)
Isopropanol 99% (CAS no.: 67-63-0; EC no.: 200-661-7; Index no.: 603-117-00-0)	20 - 25 % (weight)
Undeceth-5 (CAS no.: 34398-01-1; EC no.: 500-084-3)	10 - 15 % (weight)
Triethanolamine (CAS no.: 102-71-6; EC no.: 203-049-8)	1 - 5 % (weight)

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled If breathed in, move person into fresh air. Consult a doctor if symptoms do not improve.

In case of skin contact Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Take off contaminated clothing and wash it before reuse.

In case of eye contact Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.

If swallowed Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.

Most important symptoms/effects, acute and delayed

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Acute and delayed symptoms and effects:

Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Indication of immediate medical attention and special treatment needed, if necessary

No data available

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

Carbon oxides, formaldehyde, corrosive vapors, Nitrogen oxides (NO_x)

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 102-71-6 (EC: 203-049-8)

Triethanolamine

Cal/OSHA (USA): 5 mg/m³ PEL-TWA inhalation

CAS: 107-41-5 (EC: 203-489-0)

Hexylene glycol

Cal/OSHA (USA): 25 ppm, 125 mg/m³ PEL-C inhalation; NIOSH (USA): 25 ppm, 125 mg/m³ PEL-C inhalation

CAS: 111-42-2 (EC: 203-868-0)

Triethanolamine

ACGIH: 1 mg/m³ TWA inhalation; NIOSH: 3 ppm, 15 mg/m³ REL-TWA inhalation; US/OSHA (USA): 3 ppm, 15 mg/m³ TWA inhalation

CAS: 111-76-2 (EC: 203-905-0)

Butoxyethanol

20 ppm, 97 mg/m³ PEL inhalation; Cal/OSHA: 20 ppm PEL inhalation; NIOSH: 5 ppm REL inhalation; 5 ppm, 24 mg/m³ TWA inhalation; OSHA: 240 mg/m³ PEL inhalation; 50 ppm PEL inhalation; 50 ppm, 240 mg/m³ TWA inhalation

CAS: 67-63-0 (EC: 200-661-7)

Isopropanol 99%

ACGIH: 400 ppm STEL; 200 ppm TWA; NIOSH: 500 ppm / 1,225 mg/m³ ST; 400 ppm / 980 mg/m³ TWA; OSHA P0: 500 ppm / 1,225 mg/m³ STEL; 400 ppm / 980 mg/m³ TWA; OSHA Z-1: 400 ppm / 980 mg/m³ TWA

Appropriate engineering controls

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Not normally required. Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use appropriate eye protection.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Pale green liquid
Odor	Raspberry
Odor threshold	No data available.
pH	8.5-10.5
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	0.89-0.90 g/mL
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	1-25 mm ² /s

Additional properties

Physical state	Liquid
Color	Pale Green
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

No product data available.

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Product Components:

Hexylene glycol: Strong acids, Strong oxidizing agents, Strong reducing agents

Isopropanol 99%: Strong acids, Aldehydes, Oxidizing agents, Rubber, Oils, Plastics, Amines, Metals, Halogenated compounds, Peroxides, Bases

Hazardous decomposition products

No product data available.

Product Components:

Hexylene glycol: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Isopropanol 99%: Carbon oxides and Sulphur oxides

In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

The ATE (dermal) of the mixture is: 3666.67 mg/kg bw

The ATE (gas inhalation) of the mixture is: 15000 ppmV

The ATE (vapor inhalation) of the mixture is: 36.67 mg/l

The ATE (oral) of the mixture is: 1111.11 mg/kg bw

Product Component:

2-Butoxyethanol

LD50 - Oral - Rat - 880 mg/kg

Remarks: OECD Test Guideline 401

LD50 - Skin - Rabbit - 1,060 mg/kg

Remarks: OECD Test Guideline 402

LD50 - Intraperitoneal - Rat - 220 mg/kg

LD50 - Intravenous - Rat - 307 mg/kg

LD50 - Oral - Rat - 470 mg/kg

LC50 - Inhalation - Rat - 450 ppm

Remarks: Behavioral: Ataxia. Nutritional and Gross Metabolic: Weight loss or decreased weight gain

Hexylene glycol

LD50 - Oral - Rat - >4,000 mg/kg

Remarks: (OECD Test Guideline 420)

LD50 - Skin - Rabbit - 7,892 mg/kg

Diethanolamine:

111-42-2:

Acute oral toxicity:

LD50 (Rat): Calculated 1,600 mg/kg

Assessment: The component/mixture is moderately toxic after single ingestion.

Triethanolamine

LD50 Oral - Guinea pig - 2,200 mg/kg

LD50 Skin - Rabbit - >22.5 g/kg

Skin corrosion/irritation

No product data available.

Product Component:

Isopropanol (67-63-0)

Species: Rabbit

Result: Irritating to skin.

Diethanolamine (111-42-2)

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Species: Rabbit
Result: Irritating to skin.

Serious eye damage/irritation

No product data available.

Product Components:
Isopropanol (67-63-0)
Species: Rabbit
Result: Irritating to eyes.

Diethanolamine (111-42-2)
Species: Rabbit
Result: Risk of serious damage to eyes.

Respiratory or skin sensitization

No product data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

This product contains component(s) that are classifiable based on their carcinogenicity.

Product Components:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (111-76-2 2-Butoxyethanol)
IARC: 2B - Group 2B: Possibly carcinogenic to humans (111-42-2 Diethanolamine)
ACGIH: Confirmed animal carcinogen with unknown relevance to humans (64-17-5 Ethanol)

Reproductive toxicity

No product data available.

Product Component:
Triethanolamine:
Reproductive toxicity - Assessment: Some evidence of adverse effects on sexual function and fertility, based on animal experiments.

Specific target organ toxicity (STOT) - single exposure

No data available for this product.

Product Component:
Isopropyl Alcohol (67-63-0)
Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

Specific target organ toxicity (STOT) - repeated exposure

No data available for this product.

Product Component:
Diethanolamine (111-42-2)
Target Organs: Kidney, Blood, Liver
Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration hazard

No data available.

Additional information

Other Information for Product Components:

Isopropanol:
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vom-iting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

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D & C GREEN 5 (4403-90-1)

Skin and Eye Irritation Data:

skn-rbt 500 mg/24H MLD

eye-rbt 500 mg/24H MLD

Status: EPA TSCA Chemical Inventory, 1986

METANIL YELLOW (587-98-4)

LD50/LC50, Oral, rat: LD50 = 5 gm/kg;

Reproductive Effects: Adverse reproductive effects have occurred in experimental animals.

Mutagenicity: Mutagenic effects have occurred in humans.

SECTION 12: Ecological information

Toxicity

This product has not been tested for ecological toxicity.

Product Components:

2-Butoxyethanol (111-76-2)

LC50 - *Oncorhynchus mykiss* (rainbow trout) - 1,474 mg/l - 96 h

Remarks: OECD Test Guideline 203

EC50 - *Daphnia magna* (water flea) - 1,550 mg/l - 48 h

Remarks: OECD Test Guideline 202

EC50 - *Pseudokirchneriella subcapitata* (green algae) - 1,840 mg/l - 72 h

Remarks: OECD Test Guideline 201

LC50 - *Daphnia magna* (water flea) - 1,550 mg/l - 48 h

Remarks: OECD Test Guideline 202

LC50 - *Pseudokirchneriella subcapitata* (green algae) - 911 mg/l - 72 h

Remarks: OECD Test Guideline 201

Hexylene glycol (107-41-5)

LC50 - *Pimephales promelas* (fathead minnow) - 8,690 mg/l - 96 h

Remarks: (OECD Test Guideline 203)

EC50 - *Daphnia magna* (water flea) - 5,410 mg/l - 48 h

Remarks: (OECD Test Guideline 202)

EC50 - *Pseudokirchneriella subcapitata* (green algae) - >429 mg/l - 72 h

Remarks: (OECD Test Guideline 201)

Triethanolamine (102-71-6)

LC50 - *Lepomis macrochirus* (bluegill) - 450 - 1,000 mg/l - 96 h

EC50 - *Daphnia magna* (water flea) - 609.98 mg/l - 48 h

Undecan-1-ol, ethoxylated

EC50 - Algae - 10 - 100 mg/l - 72 h

EC50 - *Daphnia magna* (water flea) - 5-10 mg/l - 48 h

LC50 - Fish - 5-10 mg/l - 96 h

Diethanolamine (111-42-2)

Toxicity to daphnia and other aquatic invertebrates:

EC50 (*Ceriodaphnia dubia*): 30.1 mg/l

Exposure time: 48 h

Test Type: static test

Toxicity to algae:

EC50 (*Pseudokirchneriella subcapitata* (algae)): 86.96 mg/l

End point: Growth rate

Exposure time: 96 h

Test Type: static test

Toxicity to fish (Chronic toxicity):

NOEC: Calculated > 1 mg/l

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity):

NOEC (*Daphnia magna* (Water flea)): 0.78 mg/l

Exposure time: 21 d

Acute aquatic toxicity- Assessment:

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Harmful to aquatic life.
Chronic aquatic toxicity- Assessment:
Harmful to aquatic life with long lasting effects.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Product Component:
Undecan-1-ol, ethoxylated
Result: Readily biodegradable

Mobility in soil

No data available.

SECTION 13: Disposal considerations

Disposal methods

Disposal of container and product should be in accordance with local, state and federal regulations in an approved waste treatment plant.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313: Ethylene glycol monobutyl ether (111-76-2), Isopropanol (67-63-0)

Toxic Substances Control Act (TSCA) Inventory

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Massachusetts Right To Know Components

Hexylene glycol (107-41-5), Ethylene glycol monobutyl ether (111-76-2), Isopropanol (67-63-0), Triethanolamine (102-71-6)

New Jersey Right To Know Components

Hexylene glycol (107-41-5), Ethylene glycol monobutyl ether (111-76-2), Isopropanol (67-63-0), Ethanol (64-17-5), Triethanolamine (102-71-6)

Pennsylvania Right To Know Components

Hexylene glycol (107-41-5), Ethylene glycol monobutyl ether (111-76-2), Isopropanol (67-63-0), Triethanolamine (102-71-6), Diethanolamine (111-42-2)

California Prop. 65 Components

WARNING! This product can expose you to chemicals including Diethanolamine (111-42-2), which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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Canadian Domestic Substances List (DSL)

2,4-Pentanediol, 2-methyl- (107-41-5), Ethanol, 2-butoxy- (111-76-2), Ethanol, 2,2',2"-nitrilotris- (102-71-6), Poly(oxy-1,2-ethanediyl), α -undecyl- ω -hydroxy- (34398-01-1), Benzenesulfonic acid, 2,2'-[(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[5-methyl-, disodium salt (4403-90-1), Benzenesulfonic acid, 3-[[4-(phenylamino)phenyl]azo]-, monosodium salt (587-98-4)

SECTION 16: Other information

Further information/disclaimer

DISCLAIMER: 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 or liability for injury or profit loss 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.