



World Class Cleaning & Hygiene Solutions™

NATIONAL CHEMICAL LABORATORIES, INC.

SAFETY DATA SHEET

Section 1 - Identification

Product Identifier FAST BREAK™ Clean and Tack
Other means of identification 1603
Recommended use Detergent.
Recommended restrictions For commercial and industrial use only.

Manufacturer / Importer / Supplier / Distributor Information

Company Name National Chemical Laboratories of PA, Inc.
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Supplier Email info@nclonline.com
Contact CHEM-TEL
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Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

| | Classification | Category |
|--|--|----------|
| Physical Hazards | Not Classified | |
| Health Hazards | Not Classified | |
| OSHA defined hazards | Not Classified. | |
| Label Elements | | |
| Hazard Symbol | | |
| Signal Word | None | |
| Hazard Statement | The mixture does not meet the criteria for classification. | |
| Precautionary statement | | |
| Prevention | Observe good industrial hygiene practices. | |
| Response | Wash hands after handling. | |
| Storage | Store away from incompatible materials. | |
| Disposal | Dispose of waste and residues in accordance with local authority requirements. | |
| Hazard(s) not otherwise classified (HNOC) | None known. | |

Section 3 - Composition/Information on ingredients

Mixture

| Hazardous Components | Ingredient Name | CAS # | % |
|----------------------|----------------------|----------|---------|
| | 1-Methoxy-2-Propanol | 107-98-2 | 10 - 20 |

Section 4 - First-aid Measures

Inhalation Move to fresh air. Get medical attention if irritation persists.
Skin contact Wash off with soap and water. Get medical attention if irritation persists.
Eye contact Rinse with water. Get medical attention if irritation persists.
Ingestion Rinse mouth. Get medical attention if irritation persists.

Most Important symptoms or effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

General Information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

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| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire-fighting equipment /instructions | Move containers from fire area if you can do it without risk. |
| General fire hazards | No unusual fire or explosion hazards noted. |
| Specific Methods | Use standard firefighting procedures and consider the hazards of other involved materials. |

Section 6 - Accidental release measures

| | |
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| Personal precautions, protective equipment and emergency procedures. | Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS. |
| Methods and materials for containment and cleaning up | SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. |

Section 7 - Handling and storage

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| Precautions for safe handling | Avoid prolonged exposure. Use care in handling/storage. |
| Conditions for safe storage, including any incompatibilities | Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). |

Section 8 - Exposure control/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Component | Type | Value | Form |
|-------------------------------------|------|---------|------|
| 1-Methoxy-2-Propanol (CAS 107-98-2) | STEL | 100 ppm | |
| 1-Methoxy-2-Propanol (CAS 107-98-2) | TWA | 50 ppm | |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|-------------------------------------|------|---------------------------------|
| 1-Methoxy-2-Propanol (CAS 107-98-2) | TWA | 360 mg/m ³ , 100 ppm |
| 1-Methoxy-2-Propanol (CAS 107-98-2) | STEL | 540 mg/m ³ , 150 ppm |

Biological limit values No biological exposure limits noted for the ingredient(s).

US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants

| Components | Exposure |
|-------------------------------------|-----------------------------------|
| 1-Methoxy-2-Propanol (CAS 107-98-2) | Can be absorbed through the skin. |

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection If use of product risks exposure to contact, wear safety glasses with side shields.

Skin protection

Hand protection Impervious gloves are recommended for prolonged use.

Other If use of product risk exposure to contact, wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment. No personal respiratory protective equipment normally required.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and chemical properties

| | |
|--|----------------------------------|
| Appearance | Clear. |
| Physical state | Liquid. |
| Form | Clear liquid. |
| Color | Green |
| Odor | Light Citrus |
| Odor threshold | Not available. |
| pH | 8.9 ± 0.5 |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 200°F (93.3 °C) - 212°F (100 °C) |

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| Flash point | > 201 °F (> 94.0°C) TCC |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | Similar to water. |
| Vapor density | Similar to water. |
| Relative density | 1.00 ± 0.01 |
| Relative density temperature | 75 °F (23.9 °C) |
| Solubilities (water) | 100 % Soluble. |
| Partition Coefficient n-octanol/water | Not available. |
| Auto-ignition temperature | Not Available. |
| Decomposition temperature | Not Available. |
| Viscosity | < 10 cSt |
| Viscosity Temperature | 75 °F (23.9 °C) |

Section 10 - Stability and reactivity

| | |
|------------------------------------|---|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to Avoid | Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous Decomposition Products | No hazardous decomposition products are known. |

Section 11 - Toxicological information

Information on likely routes of exposure

| | |
|--------------|--|
| Ingestion | Expected to be a low ingestion hazard. |
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | No adverse effects due to skin contact are expected. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |

Symptoms related to the physical, chemical and toxicological characteristics
Direct contact with eyes may cause temporary irritation.

Information on toxicological effects.

Acute toxicity Not expected to be hazardous.

| Components | Level | Type | Code | Species | Results |
|-------------------------------------|-------|------------|------|---------|-----------------------------------|
| 1-Methoxy-2-Propanol (CAS 107-98-2) | Acute | Dermal | LD50 | Rabbit | >2000 mg/kg, 24 hours |
| | Acute | Inhalation | LC50 | Rat | >25.8 mg/m ³ , 6 Hours |
| | Acute | Oral | LD50 | Rat | 4016 mg/kg, 24 Hours |

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/ eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory sensitization This product is not expected to cause respiratory sensitization.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not available.

Chronic effects Prolonged inhalation may be harmful.

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Further information This product has no known adverse effect on human health.

Section 12 - Ecological Information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Partition coefficient n-octanol / water log (Kow)

| Components | Results |
|-------------------------------------|---------|
| 1-Methoxy-2-Propanol (CAS 107-98-2) | 0.37 |

Mobility in soil No data available.

Mobility in general No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 - Disposal considerations

Disposal instructions Dispose in accordance with applicable federal, state, and local regulations.

Local disposal regulations Dispose of in accordance with local regulations.

Hazardous waste code Waste codes should be assigned by the user based on the application for which the product was used.

Waste from residues / unused products Dispose in accordance with all applicable regulations.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code This substance/mixture is not intended to be transported in bulk.

Section 15 - Regulatory Information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| | | |
|---|-------------------|-------------|
| Hazard Categories | Immediate Hazard | No |
| | Delayed Hazard | No |
| | Fire Hazard | No |
| | Pressure Hazard | No |
| | Reactivity Hazard | No |
| SARA 302 Extremely hazardous substance | | Not listed. |
| SARA 311/312 Hazardous chemical | | No |

SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

US.Massachusetts RTK - Substance List Components
1-Methoxy-2-Propanol (CAS 107-98-2)

US.New Jersey Worker and Community Right-to-Know Act Components
1-Methoxy-2-Propanol (CAS 107-98-2)

US.Pennsylvania RTK - Hazardous Substances Components

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US.Rhode Island RTK
US - California Proposition 65

Not regulated.
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to expose you to any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

| Country(s) or region | Inventory Name | On Inventory (yes/no)* |
|---------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances | Yes |
| Unites States Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Other information, including date of preparation or last version

Revision date 6/1/2023

Version # 04

HMIS Hazard Codes

PPE A

Disclaimer

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