



## 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.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

### Section 2 - Hazard(s) Identification

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Not Classified	
OSHA defined hazards	Not Classified.	
<b>Label Elements</b>		
Hazard Symbol		
Signal Word	None	
Hazard Statement	The mixture does not meet the criteria for classification.	
<b>Precautionary statement</b>		
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 / effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment	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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<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do it without risk.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Avoid prolonged exposure. Use care in handling/storage.
<b>Conditions for safe storage, including any incompatibilities</b>	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 <sup>3</sup> , 100 ppm
1-Methoxy-2-Propanol (CAS 107-98-2)	STEL	540 mg/m <sup>3</sup> , 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

<b>Appearance</b>	Clear.
<b>Physical state</b>	Liquid.
<b>Form</b>	Clear liquid.
<b>Color</b>	Green
<b>Odor</b>	Light Citrus
<b>Odor threshold</b>	Not available.
<b>pH</b>	8.9 ± 0.5
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	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.
<b>Upper/lower flammability or explosive limits</b>	
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.
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### 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 <sup>3</sup> , 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.

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

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## Section 12 - Ecological Information

<b>Ecotoxicity</b>	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.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Partition coefficient n-octanol / water log (Kow)</b>	
Components	Results
1-Methoxy-2-Propanol (CAS 107-98-2)	0.37
<b>Mobility in soil</b>	No data available.
<b>Mobility in general</b>	No data available.
<b>Other adverse effects</b>	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

<b>Disposal instructions</b>	Dispose in accordance with applicable federal, state, and local regulations.
<b>Local disposal regulations</b>	Dispose of in accordance with local regulations.
<b>Hazardous waste code</b>	Waste codes should be assigned by the user based on the application for which the product was used.
<b>Waste from residues / unused products</b>	Dispose in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14 - Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code</b>	This substance/mixture is not intended to be transported in bulk.

## Section 15 - Regulatory Information

<b>US federal regulations</b>	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.	
<b>TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)</b>		Not regulated.
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		Not listed.
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>		
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>		
<b>Hazard Categories</b>	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
<b>SARA 302 Extremely hazardous substance</b>		Not listed.
<b>SARA 311/312 Hazardous chemical</b>		No
<b>SARA 313 (TRI reporting)</b>		Not regulated.
<b>Other federal regulations</b>		
<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List</b>		Not regulated.
<b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>		Not regulated.
<b>Safe Drinking Water Act (SDWA)</b>	Not regulated.	
<b>Food and Drug Administration (FDA)</b>	Not regulated.	
<b>US state regulations</b>		
<b>US.Massachusetts RTK - Substance List</b>	Components	
	1-Methoxy-2-Propanol (CAS 107-98-2)	
<b>US.New Jersey Worker and Community Right-to-Know Act</b>	Components	
	1-Methoxy-2-Propanol (CAS 107-98-2)	
<b>US.Pennsylvania RTK - Hazardous Substances</b>	Components	
	1-Methoxy-2-Propanol (CAS 107-98-2)	
<b>US.Rhode Island RTK</b>	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

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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** 10/29/2019

**Version #** 03

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