

# **Motions**

## **No Lye Texture Softener**

### **System**

**MSDS: 8187-10**

#### **Material Safety Data Sheets (MSDS)**

- **83258902 MSDS Liquid Activator**
- **83259142 MSDS Texture Softener Cream**
- **83259141 MSDS Neutralizing Shampoo with Blue Color Signal**
- **83260394 MSDS Active Moisture Plus Conditioner**
- **83259309 MSDS Anti-Breakage Coconut & Olive Oil Complex**

# **MATERIAL SAFETY DATA SHEET**

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial / commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation.



## **SECTION I. PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: **Motions Liquid Activator for No Lye Texture Softener System**  
MSDS NUMBER: 8097-04  
CORPORATE ADDRESS: Unilever  
700 Sylvan Avenue  
Englewood Cliffs, NJ 07632

PHONE #:	800-761-3683 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #:	800-745-9269 (24 Hours)
POISON CONTROL #:	800-949-7866 (24 Hours)
CHEMTREC #:	800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to:  
Unilever Consumer Services, 920 Sylvan Avenue, Englewood Cliffs, NJ 07632 or Fax to: 201-227-5859

## **SECTION II. HAZARDS IDENTIFICATION**

**WARNING:** This product is toxic. Keep out of reach of children. Keep product away from eyes and mouth. Product may be harmful if it gets in eyes, mouth and/or is misused. If product gets into eyes, rinse thoroughly with water. If product is swallowed, consult a physician immediately.

HAZARD RATINGS: Health: 3; Fire: 0; Physical Hazards: 0  
Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

## **SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients as defined by 29 CFR § 1910.1200:

CHEMICAL NAME	CAS NUMBER	% RANGE
Guanidine Carbonate	593-85-1	<30%

## **SECTION IV. FIRST AID MEASURES**

EYE CONTACT: Immediately flush eyes with plenty of water for a t least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

**SKIN CONTACT:** Wash off with soap and water. For minor skin contact, avoid spreading material on unaffected skin. Remove and isolate contaminated clothing and shoes. Wash clothing separately before reuse. Get medical attention if irritation develops or persists.

**INGESTION:** If material is ingested, immediately contact a poison control center. Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**INHALATION:** Move to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.

**NOTE:** In case of shortness of breath, give oxygen.

## **SECTION V. FIRE FIGHTING MEASURES**

**HAZARD CLASSIFICATION:** Not flammable  
**FLASHPOINT:** > 200 °F/ 93.3°C  
**EXTINGUISHING MEDIA:** Water mist, carbon dioxide, foams or dry chemicals  
**SPECIAL FIREFIGHTING PROCEDURES:** Wear suitable protective equipment  
**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, nitrogen; hydrocarbons & derivatives  
**CONTENTS UNDER PRESSURE:** No  
**EXPLOSIVE:** No

## **SECTION VI. ACCIDENTAL RELEASE MEASURES**

**SPILLS, LEAKS:** Small or household quantities may be cleaned up and disposed of in household trash. For large (industrial) releases, prevent spill from entering a waterway. Material may be slippery if spilled.

## **SECTION VII. HANDLING & STORAGE**

**HANDLING PRECAUTIONS:** Handle and open container with care. Avoid contact with skin and eyes. Do not get this material in your eye, on your skin, or on your clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash thoroughly after handling.

**STORAGE REQUIREMENTS:** Use care in handling/storage. Keep in a well-ventilated place. Keep container tightly closed. Keep the container dry. Keep out of the reach of children.

## **SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL
Guanidine Carbonate	593-85-1	N/A	N/A

### **PERSONAL PROTECTION**

**FOR ROUTINE CONSUMER USE:** No special precautions necessary  
**FOR INDUSTRIAL ACTIVITIES:** Use protective eyewear, gloves, clothing and general ventilation

## **SECTION IX. PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Viscous Liquid	COLOR:	Lightly tinted
ODOR:	Characteristic	SOLUBILITY:	Soluble in water
SPECIFIC GRAVITY:	1.12 -1.14	VAPOR PRESSURE:	Not available
MELTING POINT:	Not available	VISCOSITY:	Not available
pH:	11.3 – 12.3	EVAPORATION RATE:	Not available
PERCENT VOLATILE:	Not available	PERCENT VOC:	Not available

## **SECTION X. STABILITY & REACTIVITY**

STABLE:	Yes
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
INCOMPATIBLE WITH:	Acids or strong oxidizers
SPECIAL CONDITIONS TO AVOID:	Extreme heat
CORROSIVE TO STEEL, ALUMINUM:	No

## **SECTION XI. TOXICOLOGY INFORMATION**

### **ACUTE EFFECTS**

EYE CONTACT:	May cause eye burns
SKIN CONTACT:	May cause skin burns
INGESTION:	May cause burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract
RESPIRATORY:	May cause severe respiratory irritation

**CHRONIC EFFECTS:** No effects expected

### **CARCINOGEN CLASSIFICATIONS**

NTP:	None
IARC:	None
OSHA:	None

## **SECTION XII. ECOLOGICAL INFORMATION**

This product is safe for the environment at the concentrations predicted under normal use conditions.





## **SECTION XIII. DISPOSAL CONSIDERATIONS**

Disposal Warnings: Contains alkali agent. Can cause blindness. Keep away from eyes and mouth. Product may be harmful if it gets in eyes, mouth and/or is misused. Keep out of reach of children.

Disposal by Consumer: Waste generated in the course of normal consumer use is not subject to RCRA per 40 CFR § 2614(b)(1). Consumer waste should be disposed of in accordance with all applicable local, state and federal regulations.

Disposal by Manufacturer/Vendors: Disposal by Manufacturer/Vendors: This product does not meet the federal definition of hazardous waste due to the corrosivity characteristic (D002) as defined at 40 CFR § 261.22, as the pH is less than 12.5 and is not corrosive to steel at a rate greater than 6.35 mm (0.25 inches) per year. Disposal should be in accordance with all applicable local, state and federal regulations.

**SECTION XIV. TRANSPORT INFORMATION**

FOR SHIPMENT IN CONSUMER PACKAGING	GROUND	WATER	AIR
PROPER SHIPPING NAME:	Guanidine Mixture	Guanidine Mixture	Guanidine Mixture
HAZARD CLASS:	8	8	8
UN/ID #:	UN 3267	UN 3267	UN 3267
PACKING GROUP:	III	III	III
REQUIRED LABELING:			  <div>UN3267 Guanidine Mixture</div>
LABEL TYPE:	Limited Quantity	Limited Quantity	Limited Quantity, Corrosive

EMERGENCY GUIDE NUMBER:

Toxic and/or Corrosive (Non-Combustible) = 153

DOT HAZARDOUS SUBSTANCE RQ:

None/no reportable quantities

DOT MARINE POLLUTANTS:

None/no reportable quantities

IATA FORBIDDEN SUBSTANCES:

None/no reportable quantities

**SECTION XV. REGULATORY INFORMATION**

TSCA: Not applicable

RCRA: See Section XIII. Disposal Considerations

CAA HAPS or Ozone Depletors: None/no reportable quantities

CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities

CERCLA/SARA 311/312 Hazard Categories: None/no reportable quantities

CERCLA/SARA 313 Emissions Reporting: None/no reportable quantities

CERCLA RQ: None/no reportable quantities

CA 22 CCR Hazardous Wastes: Guanidine Carbonate, Alkaline caustic liquids

CA Proposition 65 Listed Chemicals: None/no reportable quantities

IL, MA, NJ, PA, RI State RTK &amp; Hazardous Notifications: None/no reportable quantities

**SECTION XVI. OTHER INFORMATION**

LEGEND:

ACGIH	American Conference of Governmental & Industrial Hygienists	LVOC	Low Volatile Organic Compound
CAA	Clean Air Act	N/A	Not Applicable
CARB	California Air Resources Board	NFPA	National Fire Protection Association
CAS	Chemical Abstract Service	NTP	National Toxicology Program
CCR	California Code of Regulations	OSHA	Occupation Safety & Health Administration
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	PEL	Permissible Exposure Limit

CFR	Code of Federal Regulations	RCRA	Resource Conservation & Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPCRA	Emergency Planning and Community Right-To-Know Act	RTK	Right-To-Know
EST	Eastern Standard Time	SARA	Superfund Amendments & Reauthorization Act
HAPS	Hazardous Air Pollutants	STEL	Short-Term Exposure Limit
HMIS	Hazardous Materials Information System	TBD	To Be Determined
HON	Hazardous Organic NESHAP (National Emission Standards for Hazardous Air Pollutants)	TCC	Tagliabue Closed Cup
HVOC	High Volatile Organic Compound	TLV	Threshold Limit Value
IARC	International Agency for the Research of Cancer	TSCA	Toxic Substances Control Act
IATA	International Air Traffic Association	TWA	Time Weighted Average
ICAO	International Civil Aviation Organization	TCLP	Toxicity Characteristic Leaching Procedure
IMDG	International Maritime Dangerous Goods	VOC	Volatile Organic Compounds
IMO	International Maritime Organization		

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Regulatory Affairs  
40 Merritt Boulevard  
Trumbull, CT 06611

MSDS for Formulations: 83258902  
MSDS Date: 1/13/2015

The information contained in this MSDS is based on data which is believed to be accurate. While Unilever believes that the data contained herein comply with 29 CFR 1910.1200, they are not to be taken as a warranty or representation for which Unilever assumes legal responsibility. They are offered solely for your consideration and verification. This MSDS is not prepared for consumer use.

# **MATERIAL SAFETY DATA SHEET**

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial / commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation.



## **SECTION I. PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: **Motions Texture Softener Cream for No Lye Texture System**

MSDS NUMBER: 8096-04

CORPORATE ADDRESS: Unilever  
700 Sylvan Avenue  
Englewood Cliffs, NJ 07632

PHONE #:	800-761-3683 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #:	800-745-9269 (24 Hours)
POISON CONTROL #:	800-949-7866 (24 Hours)
CHEMTREC #:	800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to:  
Unilever Consumer Services, 920 Sylvan Avenue, Englewood Cliffs, NJ 07632 or Fax to: 201-227-5859

## **SECTION II. HAZARDS IDENTIFICATION**

**WARNINGS:** Contains alkali agent. Can cause blindness. Keep out of the reach of children. Keep away from eyes and mouth. Product may be harmful if it gets in eyes, mouth and/or is misused. If product gets in eyes, rinse thoroughly with water. If product is accidentally swallowed, consult a physician immediately.

HAZARD RATINGS: Health: 3, Fire: 0, Physical Hazards: 0  
Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

## **SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients as defined by 29 CFR § 1910.1200:

CHEMICAL NAME	CAS NUMBER	% RANGE
Calcium Hydroxide	1305-62-0	1 - 6
Mineral Oil	8042-47-5	5 - 15

## **SECTION IV. FIRST AID MEASURES**

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**SKIN CONTACT:** Wash off with soap and water. For minor skin contact, avoid spreading material on unaffected skin. Remove and isolate contaminated clothing and shoes. Wash clothing separately before reuse. Get medical attention if irritation develops or persists.

**INGESTION:** If material is ingested, immediately contact a poison control center. Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from a poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**INHALATION:** Move victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.

**NOTE:** In case of shortness of breath, give oxygen. Keep victim warm.

**GENERAL:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## **SECTION V. FIRE FIGHTING MEASURES**

**HAZARD CLASSIFICATION:** Not flammable

**FLASHPOINT:** > 200 °F/ 93.3°C

**EXTINGUISHING MEDIA:** Water mist, carbon dioxide, foams or dry chemicals

**SPECIAL FIREFIGHTING PROCEDURES:** Wear suitable protective equipment

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, nitrogen; hydrocarbons & derivatives

**CONTENTS UNDER PRESSURE:** No

**EXPLOSIVE:** No

## **SECTION VI. ACCIDENTAL RELEASE MEASURES**

**SPILLS, LEAKS:** Small or household quantities may be cleaned up and disposed of in household trash. For large (industrial) releases, prevent spill from entering a waterway. Material may be slippery if spilled.

## **SECTION VII. HANDLING & STORAGE**

**HANDLING PRECAUTIONS:** Handle and open container with care. Avoid contact with skin and eyes. Do not get this material in your eyes, on your skin or on your clothing. Do not breathe dust/fumes/gas/mist/vapors/spray. Use only with adequate ventilation. Wash thoroughly after handling.

**STORAGE REQUIREMENTS:** Use care in handling/storage. Keep in a well-ventilated place. Keep container tightly closed. Keep the container dry. Keep out of the reach of children. Store in a dry area at normal temperatures.

## **SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL
Calcium Hydroxide	1305-62-0	TWA = 5 mg/m <sup>3</sup>	PEL = 5 mg/m <sup>3</sup> (respirable) PEL = 15 mg/m <sup>3</sup> (total dust)
Mineral Oil	8042-47-5	N/A	N/A



**PERSONAL PROTECTION**

FOR ROUTINE CONSUMER USE:

No special precautions necessary

FOR INDUSTRIAL ACTIVITIES:

Use protective eyewear, gloves, clothing and general ventilation

**SECTION IX. PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Thick Cream	COLOR:	White or lightly tinted
ODOR:	Characteristic	SOLUBILITY:	Soluble in water
SPECIFIC GRAVITY:	Not available	VAPOR PRESSURE:	Not available
MELTING POINT:	Not available	VISCOSITY:	160,000 – 350,000 mPas
pH:	11.8 – 12.3 Calcium Hydroxide	EVAPORATION RATE:	Not available
PERCENT VOLATILE:	Not available	PERCENT VOC:	Not available

**SECTION X. STABILITY & REACTIVITY**

STABLE:

Yes

HAZARDOUS DECOMPOSITION PRODUCTS:

None known

INCOMPATIBLE WITH:

Acids or strong oxidizers

SPECIAL CONDITIONS TO AVOID:

Extreme heat

CORROSIVE TO STEEL, ALUMINUM:

No

**SECTION XI. TOXICOLOGY INFORMATION****ACUTE EFFECTS**

EYE CONTACT: May cause eye burns

SKIN CONTACT: May cause skin burns

INGESTION: May cause burns to the lips, oral cavity, upper air way, esophagus and possibly the digestive tract

RESPIRATORY: May cause severe respiratory irritation

**CHRONIC EFFECTS:** No effects expected**CARCINOGEN CLASSIFICATIONS**

NTP: None

IARC: None

OSHA: None

**SECTION XII. ECOLOGICAL INFORMATION**

This product is safe for the environment at the concentrations predicted under normal use conditions.





**SECTION XIII. DISPOSAL CONSIDERATIONS**

Disposal Warnings: Contains alkali agent. Can cause blindness. Keep away from eyes and mouth. Product may be harmful if it gets in eyes, mouth and/or is misused. Keep out of reach of children.

Disposal by Consumer: Waste generated in the course of normal consumer use is not subject to RCRA per 40 CFR § 2614(b)(1). Consumer waste should be disposed of in accordance with all applicable local, state and federal regulations.

Disposal by Manufacturer/Vendors: The "Calcium Hydroxide" variant does not meet the federal definition of hazardous waste due to the corrosivity characteristic (D002) as defined at 40 CFR § 261.22, as the pH is less than 12.5 and is not corrosive to steel at a rate greater than 6.35 mm (0.25 inches) per year. Disposal should be in accordance with all applicable local, state and federal regulations.

#### **SECTION XIV. TRANSPORT INFORMATION**

<b>FOR SHIPMENT IN CONSUMER PACKAGING</b>	<b>GROUND</b>	<b>WATER</b>	<b>AIR</b>
<b>PROPER SHIPPING NAME:</b>	Corrosive, liquid, basic inorganic, n.o.s.	Corrosive, liquid, basic inorganic, n.o.s.	Corrosive, liquid, basic inorganic, n.o.s.
<b>HAZARD CLASS:</b>	8	8	8
<b>UN/ID #:</b>	UN3266	UN3266	UN3266
<b>PACKING GROUP:</b>	III	III	III
<b>REQUIRED LABELING:</b>			  <div> UN3266  Corrosive, liquid, basic, inorganic, n.o.s.  (Calcium Hydroxide Solution) </div>
<b>LABEL TYPE:</b>	Limited Quantity	Limited Quantity	Limited Quantity, Corrosive

EMERGENCY GUIDE NUMBER:	Toxic and/or Corrosive (Non-Combustible) = 154
DOT HAZARDOUS SUBSTANCE RQ:	None/no reportable quantities
DOT MARINE POLLUTANTS:	None/no reportable quantities
IATA FORBIDDEN SUBSTANCES:	None/no reportable quantities

#### **SECTION XV. REGULATORY INFORMATION**

TSCA: Not applicable  
RCRA: See Section XIII. Disposal Considerations  
CAA HAPS or Ozone Depletors: None/no reportable quantities  
CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities  
CERCLA/SARA 311/312 Hazard Categories: None/no reportable quantities  
CERCLA/SARA 313 Emissions Reporting: None/no reportable quantities  
CERCLA RQ: None/no reportable quantities  
CA 22 CCR Hazardous Wastes : Calcium Hydroxide, Alkaline caustic liquids  
CA Proposition 65 Listed Chemicals: None/no reportable quantities  
IL, MA, NJ, PA, RI State RTK & Hazardous Notifications: Calcium Hydroxide, Propylene Glycol

#### **SECTION XVI. OTHER INFORMATION**

## LEGEND:

ACGIH	American Conference of Governmental & Industrial Hygienists	LVOC	Low Volatile Organic Compound
CAA	Clean Air Act	N/A	Not Applicable
CARB	California Air Resources Board	NFPA	National Fire Protection Association
CAS	Chemical Abstract Service	NTP	National Toxicology Program
CCR	California Code of Regulations	OSHA	Occupation Safety & Health Administration
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	PEL	Permissible Exposure Limit
CFR	Code of Federal Regulations	RCRA	Resource Conservation & Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPCRA	Emergency Planning and Community Right-To-Know Act	RTK	Right-To-Know
EST	Eastern Standard Time	SARA	Superfund Amendments & Reauthorization Act
HAPS	Hazardous Air Pollutants	STEL	Short-Term Exposure Limit
HMIS	Hazardous Materials Information System	TBD	To Be Determined
HON	Hazardous Organic NESHAP (National Emission Standards for Hazardous Air Pollutants)	TCC	Tagliabue Closed Cup
HVOC	High Volatile Organic Compound	TLV	Threshold Limit Value
IARC	International Agency for the Research of Cancer	TSCA	Toxic Substances Control Act
IATA	International Air Traffic Association	TWA	Time Weighted Average
ICAO	International Civil Aviation Organization	TCLP	Toxicity Characteristic Leaching Procedure
IMDG	International Maritime Dangerous Goods	VOC	Volatile Organic Compounds
IMO	International Maritime Organization		

Unilever  
Regulatory Affairs  
40 Merritt Boulevard  
Trumbull, CT 06611

MSDS for Formulations: 83259142  
MSDS Date: 1/13/2015

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# **MATERIAL SAFETY DATA SHEET**

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial / commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation.



## **SECTION I. PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: **Motions Neutralizing Shampoo with Blue Color Signal for No Lye Texture Softener System**

MSDS NUMBER: 8089-04

CORPORATE ADDRESS: Unilever  
700 Sylvan Avenue  
Englewood Cliffs, NJ 07632

PHONE #:	800-761-3683 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #:	800-745-9269 (24 Hours)
POISON CONTROL #:	800-949-7866 (24 Hours)
CHEMTREC #:	800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to:  
Unilever Consumer Services, 920 Sylvan Avenue, Englewood Cliffs, NJ 07632 or Fax to: 201-227-5859

## **SECTION II. HAZARDS IDENTIFICATION**

EXPOSURE EFFECTS: This is a personal care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and /or swelling upon prolonged or repeated skin contact or eye contact.

HAZARD RATINGS: Health: 0, Fire: 1, Physical Hazards: 0  
Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

## **SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS**

This product is not manufactured to contain a reportable component as defined by 29 CFR § 1910.1200:

## **SECTION IV. FIRST AID MEASURES**

EYE CONTACT: Rinse thoroughly with water.  
SKIN CONTACT: Rinse with water.  
INGESTION: Do not induce vomiting. Drink a glass of milk or water.  
INHALATION: Move individual to fresh air.  
NOTE: If symptoms persist, seek medical attention.

**SECTION V. FIRE FIGHTING MEASURES**

HAZARD CLASSIFICATION:	Not flammable
FLASHPOINT:	Not available, expected to be >140°F/60°C, based on composition
EXTINGUISHING MEDIA:	Water mist, carbon dioxide, foams or dry chemicals
SPECIAL FIREFIGHTING PROCEDURES:	Use water spray or fog, direct stream may produce foam
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon, nitrogen; hydrocarbons & derivatives
CONTENTS UNDER PRESSURE:	No
EXPLOSIVE:	No

**SECTION VI. ACCIDENTAL RELEASE MEASURES**

SPILLS, LEAKS: Small or household quantities may be cleaned up and disposed of in household trash. For large (industrial) releases, prevent spill from entering a waterway. Material may be slippery if spilled.

**SECTION VII. HANDLING & STORAGE**

HANDLING PRECAUTIONS:	No special precautions necessary
STORAGE REQUIREMENTS:	Store in a dry area at normal temperatures

**SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL
Not Applicable	N/A	N/A	N/A

**PERSONAL PROTECTION**

FOR ROUTINE CONSUMER USE:	No special precautions necessary
FOR INDUSTRIAL ACTIVITIES:	Use protective eyewear, gloves, clothing and general ventilation

**SECTION IX. PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Viscous liquid	COLOR:	Lightly tinted blue
ODOR:	Characteristic	SOLUBILITY:	Soluble in water
SPECIFIC GRAVITY:	0.98 - 1.05	VAPOR PRESSURE:	Not available
MELTING POINT:	Not available	VISCOSITY:	4,000 – 9,000 mPas
pH:	5 – 6.3	EVAPORATION RATE:	Not available
PERCENT VOLATILE:	Not available	PERCENT VOC:	Not available

**SECTION X. STABILITY & REACTIVITY**

STABLE:	Yes
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
INCOMPATIBLE WITH:	Strong oxidizers, acids or bases
SPECIAL CONDITIONS TO AVOID:	Extreme heat
CORROSIVE TO STEEL, ALUMINUM:	No

**SECTION XI. TOXICOLOGY INFORMATION**

**ACUTE EFFECTS**

EYE CONTACT: May cause redness or irritation  
 SKIN CONTACT: Overexposure may cause a skin reaction such as redness  
 INGESTION: May cause nausea, vomiting and diarrhea.  
 RESPIRATORY: Not an expected route of exposure

**CHRONIC EFFECTS:** None expected

**CARCINOGEN CLASSIFICATIONS**

NTP: None  
 IARC: None  
 OSHA: None

**SECTION XII. ECOLOGICAL INFORMATION**

This product is safe for the environment at the concentrations predicted under normal use conditions.

**SECTION XIII. DISPOSAL CONSIDERATIONS**

RCRA: Non- hazardous waste pursuant to federal standards. Does not meet the federal characteristic definition of ignitable, corrosive, reactive or toxic. Not listed in 40 CFR § 261.33.  
 Disposal should be in accordance with all applicable local, state and federal regulations.

**SECTION XIV. TRANSPORT INFORMATION**

FOR SHIPMENT IN CONSUMER PACKAGING	GROUND	WATER	AIR
PROPER SHIPPING NAME:	Not applicable	Not applicable	Not applicable
HAZARD CLASS:	“	“	“
UN/ID #:	“	“	“
PACKING GROUP:	“	“	“
LABEL REQUIRED:	“	“	“

EMERGENCY GUIDE NUMBER: Not applicable  
 DOT HAZARDOUS SUBSTANCE RQ: None/no reportable quantities  
 DOT MARINE POLLUTANTS: None/no reportable quantities  
 IATA FORBIDDEN SUBSTANCES: None/no reportable quantities

**SECTION XV. REGULATORY INFORMATION**

TSCA: Not applicable  
 RCRA: See Section XIII. Disposal Considerations  
 CAA HAPS or Ozone Depletors: None/no reportable quantities  
 CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities  
 CERCLA/SARA 311/312 Hazard Categories: None/no reportable quantities  
 CERCLA/SARA 313 Emissions Reporting: None/no reportable quantities  
 CA 22 CCR Hazardous Wastes: None/no reportable quantities  
 CA Proposition 65 Listed Chemicals: None/no reportable quantities

IL, MA, NJ, PA, RI State RTK & Hazardous Notifications: None/no reportable quantities

## **SECTION XVI. OTHER INFORMATION**

### **LEGEND:**

ACGIH	American Conference of Governmental & Industrial Hygienists	N/A	Not Applicable
CAA	Clean Air Act	NFPA	National Fire Protection Association
CAS	Chemical Abstract Service	NTP	National Toxicology Program
CCR	California Code of Regulations	OSHA	Occupation Safety & Health Administration
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	PEL	Permissible Exposure Limit
CFR	Code of Federal Regulations	RCRA	Resource Conservation & Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPCRA	Emergency Planning and Community Right-To-Know Act	RTK	Right-To-Know
EST	Eastern Standard Time	SARA	Superfund Amendments & Reauthorization Act
HAPS	Hazardous Air Pollutants	STEL	Short-Term Exposure Limit
HMIS	Hazardous Materials Information System	TBD	To Be Determined
HON	Hazardous Organic NESHAP (National Emission Standards for Hazardous Air Pollutants)	TCC	Tagliabue Closed Cup
IARC	International Agency for the Research of Cancer	TLV	Threshold Limit Value
IATA	International Air Traffic Association	TSCA	Toxic Substances Control Act
ICAO	International Civil Aviation Organization	TWA	Time Weighted Average
IMDG	International Maritime Dangerous Goods	TCLP	Toxicity Characteristic Leaching Procedure
IMO	International Maritime Organization	VOC	Volatile Organic Compounds

Unilever  
Regulatory Affairs  
40 Merritt Boulevard  
Trumbull, CT 06611

MSDS for Formulations: 83259141  
MSDS Date: 1/13/2015

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# **MATERIAL SAFETY DATA SHEET**

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial / commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation.



## **SECTION I. PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: **Motions Active Moisture Plus Conditioner  
for No Lye Texture Softener System**

MSDS NUMBER: 8090-04

CORPORATE ADDRESS: Unilever  
700 Sylvan Avenue  
Englewood Cliffs, NJ 07632

PHONE #:	800-761-3683 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #:	800-745-9269 (24 Hours)
POISON CONTROL #:	800-949-7866 (24 Hours)
CHEMTREC #:	800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to:  
Unilever Consumer Services, 920 Sylvan Avenue, Englewood Cliffs, NJ 07632 or Fax to: 201-227-5859

## **SECTION II. HAZARDS IDENTIFICATION**

EXPOSURE EFFECTS: This is a personal care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and /or swelling upon prolonged or repeated skin contact or eye contact.

HAZARD RATINGS: Health: 0, Fire: 1, Physical Hazards: 0  
Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

## **SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients as defined by 29 CFR 1910.1200:

CHEMICAL NAME	CAS NUMBER	% RANGE
Glycerin	56-81-5	1 - 2

## **SECTION IV. FIRST AID MEASURES**

EYE CONTACT: Rinse thoroughly with water.  
SKIN CONTACT: Rinse with water.  
INGESTION: Do not induce vomiting. Drink a glass of milk or water.  
INHALATION: Move individual to fresh air.



NOTE: If symptoms persist, seek medical attention.

## **SECTION V. FIRE FIGHTING MEASURES**

HAZARD CLASSIFICATION: Not flammable  
FLASHPOINT: Not available, expected to be >140°F/60°C, based on composition  
EXTINGUISHING MEDIA: Water mist, carbon dioxide, foams or dry chemicals  
SPECIAL FIREFIGHTING PROCEDURES: Use water spray or fog, direct stream may produce foam  
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen; hydrocarbons & derivatives  
CONTENTS UNDER PRESSURE: No  
EXPLOSIVE: No

## **SECTION VI. ACCIDENTAL RELEASE MEASURES**

SPILLS, LEAKS: Small or household quantities may be cleaned up and disposed of in household trash. For large (industrial) releases, prevent spill from entering a waterway. Material may be slippery if spilled.

## **SECTION VII. HANDLING & STORAGE**

HANDLING PRECAUTIONS: No special precautions necessary  
STORAGE REQUIREMENTS: Store in a dry area at normal temperatures

## **SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL
Glycerin	56-81-5	10 mg/m <sup>3</sup>	0 -5 mg/m <sup>3</sup> , 0- 15 mg/m <sup>3</sup>

### **PERSONAL PROTECTION**

FOR ROUTINE CONSUMER USE: No special precautions necessary  
FOR INDUSTRIAL ACTIVITIES: Use protective eyewear, gloves, clothing and general ventilation

## **SECTION IX. PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Creamy Emulsion	COLOR:	White
ODOR:	Characteristic	SOLUBILITY:	Soluble in water
SPECIFIC GRAVITY:	0.96 – 0.99	VAPOR PRESSURE:	Not available
MELTING POINT:	Not available	VISCOSITY:	150,000 – 400,000 mPas
pH:	4.5 – 6.3	EVAPORATION RATE:	Not available
PERCENT VOLATILE:	Not available	PERCENT VOC:	Not available

## **SECTION X. STABILITY & REACTIVITY**

STABLE: Yes  
HAZARDOUS DECOMPOSITION PRODUCTS: None known  
INCOMPATIBLE WITH: Strong oxidizers, acids or bases  
SPECIAL CONDITIONS TO AVOID: Extreme heat

CORROSIVE TO STEEL, ALUMINUM: No

## **SECTION XI. TOXICOLOGY INFORMATION**

### **ACUTE EFFECTS**

EYE CONTACT: May cause redness or irritation  
SKIN CONTACT: Overexposure may cause a skin reaction such as redness  
INGESTION: May cause nausea, vomiting and diarrhea.  
RESPIRATORY: Not an expected route of exposure

**CHRONIC EFFECTS:** None expected

### **CARCINOGEN CLASSIFICATIONS**

NTP: None  
IARC: None  
OSHA: None

## **SECTION XII. ECOLOGICAL INFORMATION**

This product is safe for the environment at the concentrations predicted under normal use conditions.

## **SECTION XIII. DISPOSAL CONSIDERATIONS**

RCRA: Non- hazardous waste pursuant to federal standards. Does not meet the federal characteristic definition of ignitable, corrosive, reactive or toxic. Not listed in 40 CFR § 261.33.  
Disposal should be in accordance with all applicable local, state and federal regulations.

## **SECTION XIV. TRANSPORT INFORMATION**

<b>FOR SHIPMENT IN CONSUMER PACKAGING</b>	<b>GROUND</b>	<b>WATER</b>	<b>AIR</b>
<b>PROPER SHIPPING NAME:</b>	Not applicable	Not applicable	Not applicable
<b>HAZARD CLASS:</b>	“	“	“
<b>UN/ID #:</b>	“	“	“
<b>PACKING GROUP:</b>	“	“	“
<b>LABEL REQUIRED:</b>	“	“	“
<b>LABEL REQUIRED:</b>	“	“	“

EMERGENCY GUIDE NUMBER: Not applicable  
DOT HAZARDOUS SUBSTANCE RQ: None/no reportable quantities  
DOT MARINE POLLUTANTS: None/no reportable quantities  
IATA FORBIDDEN SUBSTANCES: None/no reportable quantities

## **SECTION XV. REGULATORY INFORMATION**

TSCA: Not applicable  
RCRA: See Section XIII. Disposal Considerations

CAA HAPS or Ozone Depletors: None/no reportable quantities  
 CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities  
 CERCLA/SARA 311/312 Hazard Categories: None/no reportable quantities  
 CERCLA/SARA 313 Emissions Reporting: None/no reportable quantities  
 CA 22 CCR Hazardous Wastes: None/no reportable quantities  
 CA Proposition 65 Listed Chemicals: None/no reportable quantities  
 IL, MA, NJ, PA, RI State RTK & Hazardous Notifications: Glycerin (as mist)

## **SECTION XVI. OTHER INFORMATION**

### **LEGEND:**

ACGIH	American Conference of Governmental & Industrial Hygienists	N/A	Not Applicable
CAA	Clean Air Act	NFPA	National Fire Protection Association
CAS	Chemical Abstract Service	NTP	National Toxicology Program
CCR	California Code of Regulations	OSHA	Occupation Safety & Health Administration
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	PEL	Permissible Exposure Limit
CFR	Code of Federal Regulations	RCRA	Resource Conservation & Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPCRA	Emergency Planning and Community Right-To-Know Act	RTK	Right-To-Know
EST	Eastern Standard Time	SARA	Superfund Amendments & Reauthorization Act
HAPS	Hazardous Air Pollutants	STEL	Short-Term Exposure Limit
HMIS	Hazardous Materials Information System	TBD	To Be Determined
HON	Hazardous Organic NESHAP (National Emission Standards for Hazardous Air Pollutants)	TCC	Tagliabue Closed Cup
IARC	International Agency for the Research of Cancer	TLV	Threshold Limit Value
IATA	International Air Traffic Association	TSCA	Toxic Substances Control Act
ICAO	International Civil Aviation Organization	TWA	Time Weighted Average
IMDG	International Maritime Dangerous Goods	TCLP	Toxicity Characteristic Leaching Procedure
IMO	International Maritime Organization	VOC	Volatile Organic Compounds

Unilever  
 Regulatory Affairs  
 40 Merritt Boulevard  
 Trumbull, CT 06611

MSDS for Formulation: 83260394  
 MSDS Date: 1/13/2015

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# **MATERIAL SAFETY DATA SHEET**

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial / commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation.



## **SECTION I. PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: **Motions Coconut & Olive Oil Complex for Texture Softener System**

MSDS NUMBER: 8175-04

CORPORATE ADDRESS: Unilever  
700 Sylvan Avenue  
Englewood Cliffs, NJ 07632

PHONE #:	800-761-3683 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #:	800-745-9269 (24 Hours)
POISON CONTROL #:	800-949-7866 (24 Hours)
CHEMTREC #:	800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to:  
Unilever Consumer Services, 920 Sylvan Avenue, Englewood Cliffs, NJ 07632 or Fax to: 201-227-5859

## **SECTION II. HAZARDS IDENTIFICATION**

**CAUTION:** Avoid contact with eyes. In case of contact, rinse thoroughly with water. If irritation develops, contact a doctor.

**EXPOSURE EFFECTS:** This is a personal care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and /or swelling upon prolonged or repeated skin contact or eye contact.

**HAZARD RATINGS:** Health: 0, Fire: 1, Physical Hazards: 0  
Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

## **SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients as defined by 29 CFR 1910.1200:

CHEMICAL NAME	CAS NUMBER	% RANGE
Mineral Oil	8042-47-5	5 - 12

## **SECTION IV. FIRST AID MEASURES**

**EYE CONTACT:** Rinse thoroughly with water.

SKIN CONTACT: Rinse with water.  
INGESTION: Do not induce vomiting. Drink a glass of milk or water.  
INHALATION: Move individual to fresh air.  
NOTE: If symptoms persist, seek medical attention.

## **SECTION V. FIRE FIGHTING MEASURES**

HAZARD CLASSIFICATION: Not flammable  
FLASHPOINT: >200°F/ 93.3°C  
EXTINGUISHING MEDIA: Water mist, carbon dioxide, foams or dry chemicals  
SPECIAL FIREFIGHTING PROCEDURES: Use water spray or fog, direct stream may produce foam  
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen; hydrocarbons & derivatives  
CONTENTS UNDER PRESSURE: No  
EXPLOSIVE: No

## **SECTION VI. ACCIDENTAL RELEASE MEASURES**

SPILLS, LEAKS: Small or household quantities may be cleaned up and disposed of in household trash. For large (industrial) releases, prevent spill from entering a waterway. Material may be slippery if spilled.

## **SECTION VII. HANDLING & STORAGE**

HANDLING PRECAUTIONS: No special precautions necessary  
STORAGE REQUIREMENTS: Store in a dry area at normal temperatures

## **SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL
Mineral Oil	8042-47-5	N/A	N/A

### **PERSONAL PROTECTION**

FOR ROUTINE CONSUMER USE: No special precautions necessary  
FOR INDUSTRIAL ACTIVITIES: Use protective eyewear, gloves, clothing and general ventilation

## **SECTION IX. PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Liquid	COLOR:	Light Yellow
ODOR:	Characteristic	SOLUBILITY:	Not soluble in water
SPECIFIC GRAVITY:	0.91 – 0.93	VAPOR PRESSURE:	Not available
MELTING POINT:	Not available	VISCOSITY:	Not available
pH:	Not available	EVAPORATION RATE:	Not available
PERCENT VOLATILE:	Not available	PERCENT VOC:	Not available

## **SECTION X. STABILITY & REACTIVITY**

STABLE: Yes  
HAZARDOUS DECOMPOSITION PRODUCTS: None known

INCOMPATIBLE WITH:	Strong oxidizers, acids or bases
SPECIAL CONDITIONS TO AVOID:	Extreme heat
CORROSIVE TO STEEL, ALUMINUM:	No

**SECTION XI. TOXICOLOGY INFORMATION****ACUTE EFFECTS**

EYE CONTACT:	May cause redness or irritation
SKIN CONTACT:	Overexposure may cause a skin reaction such as redness
INGESTION:	May cause nausea, vomiting and diarrhea.
RESPIRATORY:	Not an expected route of exposure

**CHRONIC EFFECTS:** None expected

**CARCINOGEN CLASSIFICATIONS**

NTP:	None
IARC:	None
OSHA:	None

**SECTION XII. ECOLOGICAL INFORMATION**

This product is safe for the environment at the concentrations predicted under normal use conditions.

**SECTION XIII. DISPOSAL CONSIDERATIONS**

RCRA: Non- hazardous waste pursuant to federal standards. Does not meet the federal characteristic definition of ignitable, corrosive, reactive or toxic. Not listed in 40 CFR § 261.33.  
Disposal should be in accordance with all applicable local, state and federal regulations.

**SECTION XIV. TRANSPORT INFORMATION**

FOR SHIPMENT IN CONSUMER PACKAGING	GROUND	WATER	AIR
PROPER SHIPPING NAME:	Not applicable	Not applicable	Not applicable
HAZARD CLASS:	“	“	“
UN/ID #:	“	“	“
PACKING GROUP:	“	“	“
LABEL REQUIRED:	“	“	“

EMERGENCY GUIDE NUMBER:	Not applicable
DOT HAZARDOUS SUBSTANCE RQ:	None/no reportable quantities
DOT MARINE POLLUTANTS:	None/no reportable quantities
IATA FORBIDDEN SUBSTANCES:	None/no reportable quantities

**SECTION XV. REGULATORY INFORMATION**

TSCA: All components of this product comply with TSCA inventory listing requirements  
RCRA: See Section XIII. Disposal Considerations

CAA HAPS or Ozone Depletors: None/no reportable quantities  
 CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities  
 CERCLA/SARA 311/312 Hazard Categories: None/no reportable quantities  
 CERCLA/SARA 313 Emissions Reporting: None/no reportable quantities  
 CA 22 CCR Hazardous Wastes: None/no reportable quantities  
 CA Proposition 65 Listed Chemicals: None/no reportable quantities  
 IL, MA, NJ, PA, RI State RTK & Hazardous Notifications: None/no reportable quantities

## **SECTION XVI. OTHER INFORMATION**

### **LEGEND:**

ACGIH	American Conference of Governmental & Industrial Hygienists	LVOC	Low Volatile Organic Compound
CAA	Clean Air Act	N/A	Not Applicable
CARB	California Air Resources Board	NFPA	National Fire Protection Association
CAS	Chemical Abstract Service	NTP	National Toxicology Program
CCR	California Code of Regulations	OSHA	Occupation Safety & Health Administration
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	PEL	Permissible Exposure Limit
CFR	Code of Federal Regulations	RCRA	Resource Conservation & Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPCRA	Emergency Planning and Community Right-To-Know Act	RTK	Right-To-Know
EST	Eastern Standard Time	SARA	Superfund Amendments & Reauthorization Act
HAPS	Hazardous Air Pollutants	STEL	Short-Term Exposure Limit
HMIS	Hazardous Materials Information System	TBD	To Be Determined
HON	Hazardous Organic NESHAP (National Emission Standards for Hazardous Air Pollutants)	TCC	Tagliabue Closed Cup
HVOC	High Volatile Organic Compound	TLV	Threshold Limit Value
IARC	International Agency for the Research of Cancer	TSCA	Toxic Substances Control Act
IATA	International Air Traffic Association	TWA	Time Weighted Average
ICAO	International Civil Aviation Organization	TCLP	Toxicity Characteristic Leaching Procedure
IMDG	International Maritime Dangerous Goods	VOC	Volatile Organic Compounds
IMO	International Maritime Organization		

Unilever  
 Regulatory Affairs  
 40 Merritt Boulevard  
 Trumbull, CT 06611

Formulation Date & Clearance: 83259309  
 MSDS Date: 1/13/2015

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