

## \*SAFETY DATA SHEET\*

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** MSA Hand & Body Lotion  
**MFR #:** 70001500, 94001500

**DISTRIBUTED BY:** McKesson Medical-Surgical Inc.  
9954 Mayland Drive, Suite 4000  
Richmond, Virginia 23233

**INFORMATION LINE:** 1-800-777-4908  
Monday – Friday 8:00 a.m. – 6:00 p.m. EST

**EMERGENCY PHONE:** 1-800-451-8346 (3E Company)  
Day or night

**PRODUCT DESCRIPTION:** MSA Hand and Body Lotion

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### SECTION 2: HAZARDS IDENTIFICATION

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**ROUTES OF ENTRY:**

**POTENTIAL HEALTH EFFECTS:**

**EYES:**

**SKIN:**

**INGESTION:**

**INHALATION:**

**ACUTE HEALTH HAZARDS:**

**CHRONIC HEALTH HAZARDS:**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

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**CARCINOGENICITY**

**OSHA:** No

**ACGIH:** N/A

**NTP:** No

**IARC:** Group 1: No, Group 2a: No, Group 2b: No, Group 3: Yes, Group 4: No

**OTHER:** N/A

**SECTION 2 NOTES:**

**Classification of the substance or mixture**

No applicable GHS categories.

**Label Elements**

Using the Toxicity Data listed in Section 11 and 12 the product is labeled as follows:

No applicable GHS categories.

**Prevention**

No GHS prevention statements.

**Response**

No GHS response statements.

**Storage**

No GHS storage statements.

**Disposal**

No GHS disposal statements.

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**SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS**

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<b>INGREDIENT</b>	<b>CAS NO.</b>	<b>%</b>	<b>Exposure Limits</b>
Mineral Oil	0008042-47-5	1.0-10	GHS Classification – Asp. Tox. 1, H304 (1)
Octadecanoic acid	0000057-11-4	1.0-10	Not classified (1)
Glycerol	0000056-81-5	1.0-10	Not Classified (1) (2)
Cetyl Alcohol	0036653-82-4	1.0-10	Not Classified (1)

**SECTION 3 NOTES:**

In accordance with paragraph (j) of 1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

(1) Substance classified with a health or environmental hazard.

(2) Substance with a workplace exposure limit.

(3) PBT-substance or vPvB-substance.

H304 May be fatal if swallowed and enters airways.

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**SECTION 4: FIRST-AID MEASURES**

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**EYES:** Flush with lots of water.

**SKIN:** Wash off skin with water.

**INGESTION:** If ingested, consult a physician.

**INHALATION:** Not applicable.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:****SECTION 4 NOTES:**

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

**Overview** No specific symptom data available.

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**FLAMMABLE LIMITS IN AIR, UPPER:** N/A  
**(% BY VOLUME) LOWER:** N/A

**FLASH POINT:** N/A  
**METHOD USED:** N/A

**AUTOIGNITION TEMPERATURE:** N/A

**NFPA HAZARD CLASSIFICATION**

**HEALTH:** N/A      **FLAMMABILITY:** N/A      **REACTIVITY:** N/A      **OTHER:** N/A

**HMIS HAZARD CLASSIFICATION**

**HEALTH:** N/A      **FLAMMABILITY:** N/A      **REACTIVITY:** N/A      **PERSONAL:** N/A

**EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A

**SECTION 5 NOTES:** N/A

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** N/A

**SECTION 6 NOTES:**

**Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8). Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**Environmental precautions**

Dispose in conformance with Federal, State or Local regulations.

**Methods and material for containment and cleaning up**

Small spills: Flush with water.

Large spills: Confine larger spill and transfer to suitable containers.

## SECTION 7: HANDLING AND STORAGE

**HANDLING:** Handle containers carefully to prevent damage and spillage.

**STORAGE:** Incompatible materials: Strong oxidizing agents, strong bases. Store at room temperature.

**OTHER PRECAUTIONS:** N/A

**SECTION 7 NOTES:**

Specific end use: Fro external sue only. Avoid contact with eyes. In case of eye irritation, flush with water. Keep out of reach of children. Store in closed container away from incompatible materials.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

None

**VENTILATION:** None

**RESPIRATORY PROTECTION:** None

**EYE PROTECTION:** None

**SKIN PROTECTION:** None

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N/A

**WORK HYGIENIC PRACTICES:**

Handle carefully, avoid spilling. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**EXPOSURE GUIDELINES:** N/A

**SECTION 8 NOTES:**

**Exposure**

CAS No.	Ingredient	Source	Value
0000056-81-5	Glycerol	OSHA	TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp)
		ACGIH	TWA: 3 mg/m3 (respirable) 10 mg/m3 (mist)
		NIOSH	No established RELs
		Supplier	No Established Limit
0000057-11-4	Octadecanoic acid	OSHA	No Established Limit
		ACGIH	No Established Limit

		NIOSH	No Established Limit
		Supplier	No Established Limit
0008042-47-5	Mineral oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0036653-82-4	Cetyl alcohol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 10 mg/m<sup>3</sup> ACGIH.

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0000056-81-5	Glycerol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000057-11-4	Octadecanoic acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0008042-47-5	Mineral oil	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0036653-82-4	Cetyl alcohol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE & ODOR:** Yellow Vicious Liquid

**PHYSICAL STATE:** N/A

**pH AS SUPPLIED:** 6.8 – 7.8

**pH (Other):** N/A

**BOILING POINT:** Not Measured

**MELTING POINT:** Not Measured

**FREEZING POINT:** Not Measured

**VAPOR PRESSURE (mmHg):** N/A

@ N/A

**DENSITY (lb/gal):** N/A

@ N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** N/A

@ N/A

**EVAPORATION RATE:** N/A

**BASIS (=1):** N/A

**SOLUBILITY IN WATER:** N/A

**PERCENT SOLIDS BY WEIGHT:** N/A

**PERCENT VOLATILE:** N/A  
**BY WT/ N/A BY VOL @ N/A**

**VOLATILE ORGANIC COMPOUNDS (VOC):** N/A

**WITH WATER:** N/A **LBS/GAL**  
**WITHOUT WATER:** N/A **LBS/GAL**

**MOLECULAR WEIGHT:** N/A

**VISCOSITY:** 8,400 cps – 31,000 cps

**SECTION 9 NOTES:** N/A

**SECTION 10: STABILITY AND REACTIVITY**

**STABLE**

**UNSTABLE**

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID (STABILITY):** Keep away from oxidizing agents, excessive heat, and ignition sources.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizing agents, strong bases.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of phosphorous oxides of sulfur, phosphine.

**HAZARDOUS POLYMERIZATION:** N/A

**CONDITIONS TO AVOID (POLYMERIZATION):** N/A

**SECTION 10 NOTES:**

**Reactivity**

Hazardous Polymerization will not occur.

**Possibility of hazardous reactions**

Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:**

**Acute toxicity**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Mineral oil - (8042-47-5)	5,000.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Octadecanoic acid - (57-11-4)	2,000.00, Rat - Category: 4	5,000.00, Rabbit - Category: 5	No data available	No data available	No data available
Glycerol - (56-81-5)	12,600.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Cetyl alcohol - (36653-82-4)	No data available	No data available	No data available	No data available	No data available

Note: when no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the products' ATE (Acute Toxicity Estimate)

**Classification Category Hazard Description**

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**SECTION 11 NOTES:** N/A

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**SECTION 12: ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:** No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Toxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Mineral oil - (8042-47-5)	Not Available	Not Available	Not Available
Octadecanoic acid - (57-11-4)	Not Available	Not Available	Not Available
Glycerol - (56-81-5)	67,500.00, Oncorhynchus mykiss	10,000.00, Daphnia magna	Not Available
Cetyl alcohol - (36653-82-4)	Not Available	Not Available	Not Available

**SECTION 12 NOTES:**

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

Not measured.

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**Other adverse effects**

No data available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Observe all federal, state and local regulations when disposing of this product.

RCRA HAZARD CLASS: N/A

SECTION 13 NOTES: N/A

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**SECTION 14: TRANSPORT INFORMATION**

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**U.S. DEPARTMENT OF TRANSPORTATION**

**PROPER SHIPPING NAME:** N/A  
**HAZARD CLASS:** N/A  
**DOT SHIPPING ID NUMBER:** N/A  
**DOT PACKING GROUP:** N/A  
**DOT HAZARD CLASS:** N/A  
**DOT LABEL STATEMENT:** N/A

**WATER TRANSPORTATION**

**PROPER SHIPPING NAME:** N/A  
**HAZARD CLASS:** N/A  
**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENTS:** N/A

**AIR TRANSPORTATION**

**PROPER SHIPPING NAME:** N/A  
**HAZARD CLASS:** N/A  
**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENTS:** N/A

SECTION 14 NOTES: N/A

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components of this material are either listed or exempt from listing on the TSCA inventory.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** N/A

**SARA 311/312 HAZARD CATEGORIES:** No chemicals at levels which require reporting under this statute.

**SARA 313 REPORTABLE INGREDIENTS:** No chemicals at levels which require reporting under this statute.

**STATE REGULATIONS:**

Proposition 65 - Carcinogens (>0.0%):  
No chemicals at levels which require reporting under this statute.  
Proposition 65 - Developmental Toxins (>0.0%):  
No chemicals at levels which require reporting under this statute.  
Proposition 65 - Female Repro Toxins (>0.0%):  
No chemicals at levels which require reporting under this statute.  
Proposition 65 - Male Repro Toxins (>0.0%):  
No chemicals at levels which require reporting under this statute.  
New Jersey RTK Substances (>1%):  
Isopropyl Alcohol  
Pennsylvania RTK Substances (>1%):  
Isopropyl Alcohol

**INTERNATIONAL REGULATIONS:** N/a**SECTION 15 NOTES:**

New Jersey RTK Substances (>1%) – Glycerol  
Pennsylvania TRK Substances (>1%) - Glycerol

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**SECTION 16: OTHER INFORMATION**

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**OTHER INFORMATION:** N/A

**PREPARATION INFORMATION:** N/A

**DISCLAIMER:** This information relates onto to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use. Appropriate warnings and safe-handling procedures should be provided to handlers and users.