

CUSTOMER: 666700
BATCH #: 2061097
PICK ZONE: RW02
PRODUCT NAME: KOOL-SPRAY HD AEROSOL, MM

ORDER #: 3856911
DELIVERY ID: 15574353
PICK SEQUENCE #: 1550
BARCODE #: 12060307

Safety Data Sheet KOOL-SPRAY HD AEROSOL, MM

Supersedes Date Not applicable

Issuing Date 01/27/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name KOOL-SPRAY HD AEROSOL, MM
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 12060307
Chemical nature Hydrocarbons Mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Red

Physical state liquid

Odor Sweet, Cherry

GHS

Classification

Physical Hazards

Flammable Aerosols
Gases under pressure

Category 2
Compressed Gas

Health Hazard

Aspiration Toxicity
Serious Eye Damage/Eye Irritation
Carcinogenicity
Specific target organ systemic toxicity (single exposure)
Specific target organ toxicity (repeated exposure)

Category 1
Category 2B
Category 2
Category 3
Category 2

Other hazards

None

Labeling

Signal Word

DANGER



Hazard statements

H223 - Flammable aerosol
H304 - May be fatal if swallowed and enters airways
H336 - May cause drowsiness or dizziness
H320 - Causes eye irritation
H373 - May cause damage to organs through prolonged or repeated exposure
H351 - Suspected of causing cancer
H280 - Contains gas under pressure; may explode if heated

Precautionary Statements

P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P260 - Do not breathe vapors, mist or gas
P271 - Use in a well-ventilated area.
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product.
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a physician if unwell.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P308 + P313 - IF exposed or concerned, get medical attention
P410 + P403 - Protect from sunlight. Store in a well-ventilated place
P412 - Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight % *
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	64742-52-5	40-70
Petroleum distillates, hydrotreated light	64742-47-8	10-30
Chlorinated Paraffin	63449-39-8	10-30
Petroleum gases, liquified, sweetened	68476-86-8	10-30
Propane	74-98-6	5-10
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	64742-54-7	5-10
Butane	106-97-8	5-10

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice	Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Notes to physician	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways. Ingestion and subsequent vomiting of this product can lead to aspiration of the product into the lungs which can cause damage and may be fatal.

5. FIRE-FIGHTING MEASURES

Flash Point Flammable	Method No data available	
Flammability Limits in Air %: Propellant.	Upper: 9.5	Lower: 1.9
Suitable Extinguishing Media		
Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Specific hazards arising from the chemical		
Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions. Flame extension: 23.6 inches / 60 cm and Burnback: 5.9 inch / 15 cm.		
Protective Equipment and Precautions for Firefighters		
As in any fire, wear self-contained breathing apparatus pressure -demand, NOHSC (approved or equivalent) and full protective gear.		
Aerosol Level (NFPA 30B) -	3	
NFPA	Health 2	Flammability 4
HMIS	Health 2	Flammability 4
		Instability 0
		Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non -combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition.			
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well -ventilated place. Keep away from open flames, hot surfaces and sources of ignition.			
Storage Temperature	Minimum	32 °F / 0 °C	Maximum	120 °F / 49 °C

Storage Conditions

Indoor

X

Outdoor

Heated

Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	TWA: 5 mg/m ³ ; STEL: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Petroleum distillates, hydrotreated light	525 mg/m ³ TWA	No data available	No data available
Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³	2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Butane	STEL: 1000 ppm	No data available	TWA: 800 ppm TWA: 1900 mg/m ³

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Wear protective gloves/clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid	Viscosity	Non viscous
Color	Red	Odor	Sweet, Cherry
Odor Threshold	Not applicable	Appearance	Transparent
pH	Not applicable	Specific Gravity	0.900
Evaporation Rate	> 1.0 (Butyl acetate=1)	Percent Volatile (Volume)	No information available
VOC Content (%)	10.1	VOC Content (g/L)	90.9
Vapor Pressure	No data available	Vapor Density	No information available
Solubility	Insoluble in water	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	No data available	Flammability (solid, gas)	No data available
Flash Point	Flammable	Method	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Propellant	Upper: 9.5 Lower: 1.9	

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable under normal conditions. Hazardous polymerization does not occur.

Conditions to Avoid

Keep away from open flames, hot surfaces, and sources of ignition.

Incompatible Products

Strong oxidizing agents.

Decomposition Temperature

No data available

Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO₂), Hydrogen chloride gas, Hydrocarbons.

Possibility of Hazardous Reactions

None under normal processing.

11. TOXICOLOGICAL INFORMATION**Product Information**

No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Dermal LD50

No information available

Inhalation LC50**Gas**

No information available

Mist

No information available

Vapor

No information available

Principle Route of Exposure

Inhalation, Skin contact, Eye contact.

Primary Routes of Entry

Skin contact.

Acute Effects:

Eyes
Skin
Inhalation

Causes eye irritation.
May cause skin irritation.
Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.
Repeated and prolonged exposure to solvents may cause brain and nervous system damage.
Central nervous system.
No information available.

Ingestion

Chronic Toxicity
Target Organ Effects
Aggravated Medical Conditions
Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable) 64742-52-5	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	no data available	no data available	no data available
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	no data available	no data available	no data available
Propane 74-98-6	no data available	no data available	= 658 mg/L (Rat) 4 h	no data available	no data available
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable) 64742-54-7	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	no data available	no data available	no data available
Butane 106-97-8	no data available	no data available	= 658 g/m ³ (Rat) 4 h	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Propane 74-98-6	no data available	no data available	no data available	no data available	Central nervous system
Butane 106-97-8	no data available	no data available	no data available	no data available	Central nervous system

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Chlorinated Paraffin 63449-39-8	not applicable	Group 2B	not applicable	X	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	No information available.	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No information available	1000: 48 h Daphnia magna mg/L EC50	N/A
Petroleum distillates, hydrotreated light	No information available.	LC50 = 45 mg/L Pimephales promelas 96 h LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A
Chlorinated Paraffin	No information available.	LC50 > 300 mg/L Lepomis macrochirus 96 h LC50 > 0.0109 mg/L Oncorhynchus mykiss 96 h LC50 94.5 - 271 mg/L Oncorhynchus mykiss 96 h LC50 > 0.1 mg/L Lepomis macrochirus 96 h LC50 > 100 mg/L Pimephales promelas 96 h	No information available	No information available.	6.006
Petroleum gases, liquified, sweetened	No information available.	No information available.	No information available	No information available.	2.8
Propane	No information available.	No information available.	No information available	No information available.	2.3
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	No information available.	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No information available	1000: 48 h Daphnia magna mg/L EC50	N/A
Butane	No information available.	No information available.	No information available	No information available.	2.89

Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal	Dispose of in accordance with local regulations.
Container Disposal	Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT	DOT
Proper Shipping Name	Consumer commodity
Hazard Class	ORM-D
Description	Consumer commodity, ORM-D
TDG	
Proper shipping name	Aerosols
Hazard Class	2.1
UN-No	UN1950
Description	UN1950, AEROSOLS, 2.1, LTD QTY
ICAO	
UN-No	UN1950
Proper Shipping Name	AEROSOLS
Hazard Class	2.1
Shipping Description	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY
IATA	
UN-No	UN1950
Proper Shipping Name	AEROSOLS, FLAMMABLE
Hazard Class	2.1
ERG-Code	10L
Shipping Description	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY
IMDG/IMO	
Proper Shipping Name	AEROSOLS
Hazard Class	2.1
UN-No	UN1950
EmS No.	F-D, S-U
Description	UN1950, AEROSOLS, 2.1, LTD QTY

15. REGULATORY INFORMATION

Inventories	
TSCA	Complies
DSL	Complies
U.S. Federal Regulations	

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	Yes	No

CERCLA

16. OTHER INFORMATION

Prepared By	Laura Strauss
Supersedes Date	Not applicable
Issuing Date	01/27/2016
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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