



#1 Network MRC:

Metering Roller Cleaner & Blanket Deglazer SDS Revision Date:
5/15/2015**1. Identification Of The Substance / Mixture And Of The Company / Undertaking****1.1. Product Identifier**

Product Identity **#1 NETWORK MRC**
Metering Roller Cleaner & Blanket Deglazer
Alternate Names Product Number: 805846, 805586, 805587, 805932, 23145

1.2. Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

Intended Use See Technical Data Sheet
Application Method See Technical Data Sheet

1.3. Details Of The Supplier Of The Safety Data Sheet

Distributor **#1 NETWORK, INC.** 307 Professional Park Ave. Effingham, IL 62401
CHEMTREC (USA) 800-424-9300
Customer Service 217-536-5737

2. Hazard Identification Of The Product**2.1. Classification Of The Substance Or Mixture**

Flam. Liq. 2;	H225	Highly flammable liquid and vapor
Skin Irrit. 2;	H315	Causes skin irritation
Eye Irrit. 2;	H319	Causes serious eye irritation
STOT SE 3;	H336	May cause drowsiness or dizziness
Aquatic Chronic 1;	H410	Very toxic to aquatic life with long lasting effects

2.2. Label Elements

Using the Toxicity Data listed in Sections 11 and 12, the product is listed as follows:

Signal Word: **DANGER!**



H225 Highly flammable liquid and vapor
H315 Causes skin irritation
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness
H410 Very toxic to aquatic life with long lasting effects

[Prevention]

P210 Keep away from heat, sparks, open flames, and hot surfaces - No smoking
P241 Use explosion-proof electrical, ventilation, lighting, and equipment
P261 Avoid breathing dust, fume, gas, mist, vapors, spray
P264 Wash thoroughly after handling
P271 Use only outdoors or in a well-ventilated area
P273 Avoid release to the environment
P280 Wear protective gloves, eye protection, and face protection

[Response]

P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P303 + P361 + P353 IF ON SKIN (or hair): Remove / take off immediately all contaminated clothing - Rinse skin with water & shower
P304 + P312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell
P305 + P351 + P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P321 Specific treatment (see information on this label)
P337 + P313 If eye irritation persists: Get medical attention
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing
P362 Take off contaminated clothing and wash before reuse
P370 + P378 In case of fire: Use extinguishing media listed in Section 5 of SDS for extinction
P391 Collect spillage

[Storage]

P403 + P233 Store in a well ventilated area. Keep container tightly closed.
P405 Store locked up

[Disposal]

P501 Dispose of contents and container in accordance with local and national regulations

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3. Composition / Information On Ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient / Chemical Designations	Weight%	GHS Classification	Notes
Aliphatic Petroleum Distillates (CAS No: 142-82-5)	70 - 80	Flam. Liq. 2: H225 Asp. Tox. 1: H304 Skin Irrit. 2: H315 STOT SE 3: H336 Aquatic Acute 1: H400 Aquatic Chronic 1: H410	[1][2]
Acetone (CAS No: 67-64-1)	10 - 20	Flam. Liq. 2: H225 Eye Irrit. 2: H319 STOT SE 3: H336	[1][2]

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-Substance or vPvB-Substance

* The full texts of the phrases are shown in Section 16

4. First Aid Measures

4.1. Description Of First Aid Measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean fresh water for at least 15 minutes, holding the eyelids apart and seek medical attention. Check for and remove contact lenses.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Get medical attention if irritation or allergic reaction develops.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. If spontaneous vomiting is about to occur, place victim's head below knees. This material is an aspiration hazard.

4.2. Most Important Symptoms And Effects, Both Acute And Delayed

Overview	EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Breathing saturated vapors for a few minutes may be fatal. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation. Prolonged inhalation may be harmful. EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause lung damage. AGGRAVATED MEDICAL CONDITIONS: Disorders of the skin, respiratory system, liver, kidneys, and CNS.
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Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See Section 2 for further details.

Inhalation	May cause drowsiness or dizziness
Eyes	Causes serious eye irritation
Skin	Causes skin irritation

5. Fire-Fighting Measures

5.1. Extinguishing Media

Dry chemical, foam, water fog.

5.2. Special Hazards Arising From The Substance Or Mixture

Hazardous decomposition: Oxides of carbon and nitrogen, low molecular weight hydrocarbons and organic acids. Keep away from heat, sparks, open flames, and hot surfaces - No smoking. Use explosion-proof electrical, ventilating, light, and equipment. Avoid breathing dust, fume, gas, mist, vapors, and spray.

5.3. Advice For Firefighters

Water spray may be ineffective on fire but may protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Containers close to the fire should be removed or cooled with water. Do not get water inside container. Let small fires burn unless the leak can be stopped immediately and safely. Do not enter confined fire-space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

Flammable! Treat as petroleum fire. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations. Cover pooling liquid with foam. Closed containers may explode if exposed to extreme heat.

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6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment, And Emergency Procedures

Put on appropriate personal protective equipment (see Section 8).

6.2. Environmental Precautions

Do not allow spills to enter drains or watercourses. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods And Material For Containment And Cleaning Up

Take proper precautions to ensure your own health and safety before attempting spill control or clean-up. Review fire and explosion hazards and safety precautions before proceeding with cleanup. Evacuate all non-essential personnel from the area. Use appropriate personal protective equipment. Avoid contact with skin and eyes. Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat, and smoking. Ventilate. All equipment used must be grounded. Stop the spillage. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority and may require pre-treatment.

7. Handling And Storage

7.1. Precautions For Safe Handling

Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition. Drain and purge equipment as necessary to remove material residues. Wash exposed skin after handling. Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids. See Section 2 for further details [Prevention].

7.2. Conditions For Safe Storage, Including Any Incompatibilities

Handle containers carefully to prevent damage and spillage. Incompatible materials: Isolate from strong oxidizers like chlorine or concentrated oxygen. A spill or leak can cause an immediate fire or explosion hazard. Keep away from heat, sparks, and open flame. Static electricity and formation of sparks must be prevented. Containers should be grounded and bonded before transferring product. Keep in cool, dry, ventilated Class II liquid storage and closed containers. Protect from light, including direct sun rays. Ground container and transfer equipment to eliminate static electric sparks. Store isolated from oxidizing materials. Continue all label precautions. Avoid breathing vapor or contact with liquid. Flammable liquid - Class 1B. See section 2 for further details [Storage].

7.3. Specific End Use(s)

No data available.

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8. Exposure Controls And Personal Protection

8.1. Control Parameters

		EXPOSURE	
CAS No.	Ingredient	Source	Value
67-64-1	Acetone	OSHA ACGIH NIOSH Supplier	TWA: 1000 ppm (2400 mg/m3) STEL: 2400 mg/m3 TWA: 250 ppm STEL: 500 ppm Skin TWA: 250 ppm (590 mg/m3) No Established Limit
142-82-5	Aliphatic Petroleum Distillates	OSHA ACGIH NIOSH Supplier	TWA: 500 ppm (2000 mg/m3) TWA: 400 ppm STEL: 500 ppm TWA: 85 ppm (350 mg/m3) C 440 ppm (1800 mg/m3) [15-minute] No Established Limit
		CARCINOGEN DATA	
CAS No.	Ingredient	Source	Value
67-64-1	Acetone	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
142-82-5	Aliphatic Petroleum Distillates	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Description Of First Aid Measures

Respiratory	Use an approved positive-pressure, pressure demand, self-contained breathing apparatus (SCBA) for unknown vapor concentrations. For known vapor concentrations above the exposure guideline, use a NIOSH-approved organic vapor respirator if adequate protection is provided.
Eyes	Chemical safety goggles with splash shield.
Skin	Wear overalls to keep skin contact to a minimum. Avoid skin contact. Wear appropriate equipment to prevent probability of exposure and personal contact. It is recommended that fire-retardant garments be worn while working with flammable and combustible liquids. If splashing or spraying is expected, chemical-resistant protective clothing should be worn. Disposable PVC, neoprene, nitrile, and vinyl gloves which are impermeable to the specific materials are recommended.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. All electrical equipment should comply with the National Electrical code. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use vapor, mist gas mask within use limits, or ventilate to keep vapors of this material below exposure limits. If over TLV, in accordance with CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Odor is an inadequate warning for hazardous conditions. Use of this material in spaces without adequate ventilation may result in generation of hazardous levels of combustion products and/or inadequate oxygen levels for breathing.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. See section 2 for further details [Prevention]

9. Physical And Chemical Properties

9.1.

Appearance	Clear, water-white liquid	Melting Point / Freezing Point	Not Established
Odor	Petroleum	Initial Boiling Point / Boiling Range	133°F to 210°F
Odor Threshold	Not Measured	Evaporation Rate	Not Measured
Flashpoint	< -1°F	Upper / Lower Flammability or	Lower: 1.0% (For Component)
pH	NA	Explosive Limits	Upper: 12.8% (For Component)
Flammability (Solid, Gas)	NA	Partition Coefficient n-octanol/water (Log Kow)	Not Measured
Vapor Pressure (PA)	27.95 mm Hg @ 20°C	Solubility In Water	Partial
Vapor Density	3.50	Auto-Ignition Temperature	Not Established
Specific Gravity	0.70	Decomposition Temperature	Not Measured
Density	5.84 lbs per gallon	Viscosity (cSt)	0.39 mPas @ 20°C
% Volatile	100	Photochemically Reactive	No
Max Grams of V.O.C./Ltr	560	V.O.C.	560 gm/L, 80%, 4.67 lb/gal (Acetone Exempt)

9.2. Other Information

No other relevant information.

10. Stability And Reactivity

10.1. Reactivity: Hazardous Polymerization will not occur.

10.2. Chemical Stability: Stable under normal circumstances.

10.3. Possibility Of Hazardous Reactions: No data available.

10.4. Conditions To Avoid: Isolate from oxidizers, heat, sparks and open flame.

10.5. Incompatible Materials: Isolate from strong oxidizers like chlorine or concentrated oxygen.

10.6. Hazardous Decomposition Products: Oxides of carbon and nitrogen, low molecular weight hydrocarbons and organic acids.

11. Toxicological Information

Acute Toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50 (mg/kg)	Skin LD50 (mg/kg)	Inhalation Vapor LD50 (mg/L/4hr)	Inhalation Dust/Mist LD50 (mg/L/4hr)	Inhalation Gas LD50 (ppm)
Aliphatic Petroleum Distillates 142-82-5	17,000.00 Rat Category: NA	3,000.00 Rabbit Category: 5	103.00 Rat Category: NA	No Data Available	No Data Available
Acetone 67-64-1	2,000.00 Rat Category: 4	2,000.00 Rabbit Category: 4	76.00 Rat Category: NA	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 product's ATE (Acute Toxicity Estimate).

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11. Toxicological Information, Cont.'

Classification	Category	Hazard Description
Acute Toxicity (oral)	---	Not Applicable
Acute Toxicity (dermal)	---	Not Applicable
Acute Toxicity (inhalation)	---	Not Applicable
Skin Corrosion / Irritation	2	Causes skin irritation
Serious Eye Damage / Irritation	2	Causes serious eye irritation
Respiratory Sensitization	---	Not Applicable
Skin Sensitization	---	Not Applicable
Germ Cell Mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive Toxicity	---	Not Applicable
STOT - Single Exposure	3	May cause drowsiness or dizziness
STOT - Repeated Exposure	---	Not Applicable
Aspiration Hazard	---	Not Applicable

12. Ecological Information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

AQUATIC ECOTOXICITY

Ingredient	96 Hr LC50 Fish (mg/L)	48 Hr EC50 Crustacea (mg/L)	ERC50 Algae (mg/L)
Aliphatic Petroleum Distillates 142-82-5	375.00, Oreochromis Mossambicus	50.00, Daphnia Magna	Not Available
Acetone 67-64-1	100.00, Pimephales Promelas	10.00, Daphnia Magna	20.565 (72 Hr), Ulva Pertusa

12.2. Persistence And Degradability: There is no data available on the preparation itself.

12.3. Bioaccumulative Potential: Not Measured

12.4. Mobility In Soil: No data available.

12.5. Results Of PBT And vPvB Assessment: This product contains no PBT/vPvB chemicals.

12.6. Other Adverse Effects: No data available.

13. Disposal Considerations

13.1 Waste Treatment Methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport Information

NON-BULK DOMESTIC GROUND

This material is regulated for domestic ground shipments by the U.S. Department of Transportation (DOT) when transported in non-bulk (a packaging which has a maximum capacity of 119 gallons or less as a receptacle for a liquid). Reference 49 CFR 173.120 (b) (2) and 173.150 (f) (1).

In summary, for **non-bulk domestic ground shipments:**

DOT Shipping Name:	UN 1993, Flammable Liquids, N.O.S. (Contains Aliphatic Petroleum Distillates and 2-Propanone)
Hazard Class:	3
UN No.:	UN 1993
Packing Group:	II
Guide No:	128

BULK DOMESTIC GROUND

This material is not available for domestic ground shipment in bulk (a packaging which has a maximum capacity greater than 119 gallons as a receptacle for a liquid).

The domestic provisions provided for in non-bulk and bulk ground shipments are not valid for transportation by aircraft or vessel and they are not valid for international shipments. Please follow the appropriate DOT regulations in 49 CFR and the information referenced where appropriate in the IATA Dangerous Goods Transportation Regulation, the International Maritime Organization (IMO), the International Civil Aviation Organization (ICAO and our NFTA partner hazardous material regulation requirements).

OCEAN TRANSPORTATION

In summary, for **ocean shipments:**

Proper Shipping Name:	UN 1993, Flammable Liquids, N.O.S. (Contains Aliphatic Petroleum Distillates and 2-Propanone)
UN No.:	UN 1993
Packing Group:	II
IMDG:	3
Environmental Hazards:	IMDG: Marine Pollutant: Yes (Heptane)

14.6. Special Precautions For User: No further information

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15. Regulatory Information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.	
TSCA	All listed components either appear or are exempt from the Toxic Substances Control Act (TSCA) Inventory.	
CERCLA	Reportable Quantity (RQ) (40 CFR 117.302): None.	
Carcinogenicity	None of the components in this chemical are present above minimum amounts listed by IARC, NTP, or OSHA as a carcinogen.	
WHMIS Classification	B2, D2B	
US EPA Tier II Hazards	Fire: Yes Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No	
SARA Title III	None	
California PROP 65:	This product contains a mixture which includes trace amounts of Toluene and Benzene. The following information is required by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, or Proposition 65. This regulation does not address de minimus levels; therefore, even trace amounts of the chemicals included on Proposition 65's list of chemicals known to the State of California to cause cancer or reproductive toxicity must be noted with the "Safe Harbor" wording. WARNING: This product contains trace amounts of Toluene and Benzene known to the State of California to cause cancer, birth defects, or other reproductive harm.	
EPCRA 311/312 Chemicals and RQs (Lbs):	Acetone (5,000)	EPCRA 302 Extremely Hazardous: None Listed
EPCRA 313 Toxic Chemicals:	None Listed	Proposition 65 - Carcinogens (>0.0%): Listed Above
Proposition 65 - Developmental Toxins (>0.0%):	Listed Above	Proposition 65 - Female Repro Toxins (>0.0%): Listed Above
Proposition 65 - Male Repro Toxins (>0.0%):	Listed Above	N.J. RTK Substances (>1%): Acetone, Heptane
Penn RTK Substances (>1%) :	Acetone, Heptane	

16. Other Information

HMIS

Health:	1
Flammability:	3
Reactivity:	0
Personal:	H

SCAQMD Rule 443.1

Photochemically Reactive:	No
Maximum Grams of VOC per Liter:	560 gm/L (Acetone Exempt)
Vapor Pressure:	27.95 mm Hg @ 20°C

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness and dizziness
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

This Safety data Sheet was prepared using information provided by/obtained from Böttcher America. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to the product. Böttcher America expressly disclaim all expressed or implied warranty and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other processes as to the accuracy of and/or sufficiency of such information. This Safety Data Sheet may not be changed or altered in any way without the expressed knowledge and permission of Böttcher America.