

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

SECTION 1. IDENTIFICATION

Product name : MM TRANSFUSION TRANS SEAL 12/32OZ
Product code : M1432

Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC
Address : Dallas TX 75225
Email Address : EHS@niteoproducts.com
Telephone : 1-844-696-4836
Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : SEALER
Restrictions on use : Use only outdoors or in a well-ventilated area.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitisation : Category 1
Carcinogenicity : Category 2
Aspiration hazard : Category 1

GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.
Suspected of causing cancer.

Precautionary statements : **Prevention:**

SAFETY DATA SHEET



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Date of first issue: 04/11/2019

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
IF ON SKIN: Wash with plenty of soap and water.
IF exposed or concerned: Get medical advice/ attention.
Do NOT induce vomiting.
If skin irritation or rash occurs: Get medical advice/ attention.
Wash contaminated clothing before reuse.

Storage:

Store locked up.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Distillates (petroleum)	64742-54-7	>= 70 - < 90
Solvent naphtha (petroleum)	64742-95-6	>= 5 - < 10
1,2,4-Trimethylbenzene	95-63-6	>= 1 - < 5
Distillates (petroleum)	64742-55-8	>= 1 - < 5
Substituted hydrocarbyl sulfide	Not Assigned	>= 0.1 - < 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : If on clothes, remove clothes.

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

- Remove contaminated clothing. If irritation develops, get medical attention.
If on skin, rinse well with water.
Wash contaminated clothing before re-use.
If skin irritation persists, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
- If swallowed : Obtain medical attention.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.
Suspected of causing cancer.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon oxides
- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Avoid breathing dust.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Prevent product from entering drains.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.
Do not smoke.
Avoid contact with skin and eyes.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Dispose of rinse water in accordance with local and national regulations.
Container hazardous when empty.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum)	64742-54-7	TWA (Mist)	5 mg/m ³	OSHA Z-1
		TWA (Inhal-)	5 mg/m ³	ACGIH

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

Component	CAS No.	Exposure	Limit	Standard
		able particulate matter)		
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
1,2,4-Trimethylbenzene	95-63-6	TWA	25 ppm 125 mg/m3	NIOSH REL
		TWA	25 ppm	ACGIH
		TWA	25 ppm 125 mg/m3	OSHA P0
Distillates (petroleum)	64742-55-8	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL

Hazardous components without workplace control parameters

Components	CAS-No.
Solvent naphtha (petroleum)	64742-95-6
Substituted hydrocarbyl sulfide	Not Assigned

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Wear as appropriate:
Impervious clothing
Safety shoes

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
When using do not smoke.
When using do not eat or drink.

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	not determined
Odour	:	not determined
Odour Threshold	:	not determined
pH	:	not determined
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined
Flash point	:	179.44 °C Value for Component
Evaporation rate	:	not determined
Flammability (solid, gas)	:	No data available
Self-ignition	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Vapour pressure	:	not determined
Relative vapour density	:	not determined
Density	:	0.8587 g/cm ³
Solubility(ies)		
Water solubility	:	not determined
Partition coefficient: n-octanol/water	:	not determined
Decomposition temperature	:	not determined
Viscosity		
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	not determined
Molecular weight	:	No data available

SECTION 10. STABILITY AND REACTIVITY

**MOTOR MEDIC® TRANSFUSION®
TRANSMISSION FLD & SEAL**

Version	Revision Date:	SDS Number:	Date of last issue: 04/11/2019
1.1	03/29/2023	600000001763	Date of first issue: 04/11/2019

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed. Hazardous polymerisation does not occur.
Conditions to avoid	:	No data available
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure

Inhalation
Eye contact
Skin contact
Ingestion

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 200 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method

Components:
Distillates (petroleum):

Acute oral toxicity	:	LD50 (Rat): > 15 g/kg
Acute dermal toxicity	:	LD50 (Rabbit): > 5 g/kg

Solvent naphtha (petroleum):

Acute oral toxicity	:	LD50 Oral (Rat): 3,492 mg/kg Method: OECD Test Guideline 401
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1,2,4-Trimethylbenzene:

Acute oral toxicity	:	LD50 (Rat): 6 g/kg
Acute inhalation toxicity	:	LC50 (Rat): 10.2 mg/l Exposure time: 4 h Test atmosphere: vapour Remarks: Information given is based on data obtained from similar substances.

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version	Revision Date:	SDS Number:	Date of last issue: 04/11/2019
1.1	03/29/2023	600000001763	Date of first issue: 04/11/2019

Acute dermal toxicity : LD50 (Rabbit): > 3,440 mg/kg
Assessment: No adverse effect has been observed in acute dermal toxicity tests.
Remarks: Information given is based on data obtained from similar substances.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks: May irritate skin.

Components:

Distillates (petroleum):

Result: Possibly irritating to skin

Solvent naphtha (petroleum):

Result: Mild skin irritant

1,2,4-Trimethylbenzene:

Result: Irritating to skin.

Distillates (petroleum):

Result: Possibly irritating to skin

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

Components:

Distillates (petroleum):

Result: No eye irritation
Assessment: No eye irritation

1,2,4-Trimethylbenzene:

Result: Irritating to eyes.

Distillates (petroleum):

Result: Possibly irritating to eyes

**MOTOR MEDIC® TRANSFUSION®
TRANSMISSION FLD & SEAL**

Version	Revision Date:	SDS Number:	Date of last issue: 04/11/2019
1.1	03/29/2023	600000001763	Date of first issue: 04/11/2019

Respiratory or skin sensitisation
Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks: May cause allergic skin reaction.

Components:
1,2,4-Trimethylbenzene:

Species: Guinea pig

Result: Did not cause sensitisation on laboratory animals.

Remarks: Information given is based on data obtained from similar substances.

Substituted hydrocarbyl sulfide:

Result: May cause sensitisation by skin contact.

Germ cell mutagenicity

Not classified based on available information.

Components:
Solvent naphtha (petroleum):

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

1,2,4-Trimethylbenzene:

Genotoxicity in vitro : Test Type: Ames test
Result: negative

Genotoxicity in vivo : Test Type: In vivo micronucleus test
Species: Mouse
Result: negative

Carcinogenicity

Suspected of causing cancer.

Components:
Solvent naphtha (petroleum):

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Components:

Solvent naphtha (petroleum):

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

STOT - single exposure

Not classified based on available information.

Components:

Solvent naphtha (petroleum):

Target Organs: Central nervous system
Assessment: May cause drowsiness or dizziness.

Target Organs: Respiratory Tract
Assessment: May cause respiratory irritation.

1,2,4-Trimethylbenzene:

Exposure routes: Inhalation
Target Organs: Respiratory Tract
Assessment: May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

May be fatal if swallowed and enters airways.

Components:

Distillates (petroleum):

May be fatal if swallowed and enters airways.

Solvent naphtha (petroleum):

May be fatal if swallowed and enters airways.

1,2,4-Trimethylbenzene:

May be fatal if swallowed and enters airways.

Distillates (petroleum):

May be fatal if swallowed and enters airways.

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

49 CFR

Not regulated as a dangerous good

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version 1.1 Revision Date: 03/29/2023 SDS Number: 600000001763 Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Xylene	1330-20-7	100	100 (F003)
Butanol normal	71-36-3	100	100 (F003)
Toluene	108-88-3	100	100 (F005)
Benzene	71-43-2	10	10 (D018)
Xylene	1330-20-7	100	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfur dioxide	7446-09-5	500	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Respiratory or skin sensitisation
Carcinogenicity
Aspiration hazard

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

1,2,4-Trimethylbenzene 95-63-6 >= 1 - < 5 %

California Prop. 65

WARNING: This product can expose you to chemicals including Cumene, Trimethyl phosphate, Ethyl Acrylate, Naphthalene, Benzene, which is/are known to the State of California to cause cancer, and Sulfur dioxide, Toluene, Benzene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SAFETY DATA SHEET



MOTOR MEDIC® TRANSFUSION® TRANSMISSION FLD & SEAL

Version
1.1

Revision Date:
03/29/2023

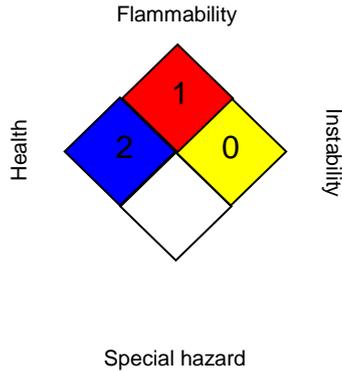
SDS Number:
600000001763

Date of last issue: 04/11/2019
Date of first issue: 04/11/2019

SECTION 16. OTHER INFORMATION

Further information

NFPA:



Revision Date : 03/29/2023

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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