

SAFETY DATA SHEET

Jon-Don

Revision Date 28-Jul-2015
Version 1.02

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name JONDON MATRIX NEW DECADE
Product code W.40155

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Professional Carpet Cleaning
Restrictions on use Professional Use Only

1.3 Details of the supplier of the safety data sheet

Supplier Jon-Don
400 Medinah Rd
Roselle, IL 60172
(800) 556-6366

1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA
Chemtrec: 1-800-424-9300 USA

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

Skin sensitization	Category 1
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2.2 Label elements

Signal Word

Warning

Hazard Statements

May cause an allergic skin reaction



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Keep/Store away from clothing/ combustible materials

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

2.3. Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

2.4 Other information

Not Applicable

Unknown Acute Toxicity 14.79% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

Substance**Mixture**

Chemical Name	CAS-No	Weight %
D-limonene	5989-27-5	< 1
Sodium 2-Mercaptobenzothiazole	2492-26-4	< 1

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

4. First aid measures

4.1 Description of first-aid measures

General advice	When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.
Skin contact	Wash off immediately with soap and plenty of water. Use a mild soap if available.
Inhalation	Move to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media**Suitable extinguishing media**

Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

Unsuitable Extinguishing Media High volume water jet.

5.2 Special hazards arising from the substance or mixture**Special Hazard**

None known based on information supplied

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

6.2 Environmental precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

Hygiene measures When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.

Materials to Avoid Metals.

8. Exposure controls/personal protection

8.1 Occupational Exposure Limits (OEL)

8.2 Appropriate engineering controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and body protection Long sleeved clothing.

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures

See section 7 for more information

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	Clear
Color	Yellow
Odor	Citrus
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	9	
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point	> 94 °C / > 201 °F	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility		No information available
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content <6%

10. Stability and Reactivity**10.1 Reactivity**

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Protect from frost, heat and sunlight.

10.5 Incompatible Materials

Metals.

10.6 Hazardous Decomposition Products

None known.

11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

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

Unknown Acute Toxicity 14.79% of the mixture consists of ingredient(s) of unknown toxicity

Oral LD50 9,005.00 mg/kg

Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
D-limonene 5989-27-5	4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Sodium 2-Mercaptobenzothiazole 2492-26-4	750 mg/kg (Rat)	> 1250 mg/kg (Rabbit)	-

11.2 Information on toxicological effects

Skin corrosion/irritation

Product Information

- No information available

Component Information

- No information available

Eye damage/irritation

Product Information

- No information available

Component Information

- No information available

Respiratory or skin sensitization

Product Information

- No information available

Component Information

- No information available

Germ cell mutagenicity

Product Information

- No information available

Component Information

- No information available

Carcinogenicity

Product Information

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

Component Information

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Reproductive toxicity

Product Information

- No information available

Component Information

- No information available

STOT - single exposure

No information available

STOT - repeated exposure

No information available

Other adverse effectsTarget Organs

• No information available

Product Information

• No information available

Component Information

• No information available

Aspiration hazardProduct Information

• No information available

Component Information

• No information available

12. Ecological information**12.1 Toxicity****Ecotoxicity**

No information available

24.4828 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
D-limonene 5989-27-5	-	LC50: 96 h Pimephales promelas 0.619 - 0.796 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 35 mg/L	-
Sodium 2-Mercaptobenzothiazole 2492-26-4	EC50: 96 h Pseudokirchneriella subcapitata 0.3 mg/L	LC50: 96 h Oncorhynchus mykiss 0.3 - 1.1 mg/L static LC50: 96 h Lepomis macrochirus 3.8 mg/L static	EC50: 48 h Daphnia magna 1.9 - 5.1 mg/L Static

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Discharge into the environment must be avoided

Chemical Name	log Pow
Sodium 2-Mercaptobenzothiazole 2492-26-4	-0.46

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No adverse effects are expected.

13. Disposal Considerations**13.1 Waste treatment methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

<u>DOT</u>	Not regulated
<u>MEX</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>IATA</u>	Not regulated

15. Regulatory information

15.1 International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 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

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

16. Other information

<u>NFPA</u>	Health Hazard 2	Flammability 0	Instability 0	Physical and chemical hazards -
<u>HMIS</u>	Health Hazard 2	Flammability 0	Physical Hazard 0	Personal protection X

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S)*

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

Revision Date 28-Jul-2015

Revision Note

No information available

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet