

SAFETY DATA SHEET

1500

Section 1. Identification

Product name : M NWAX® Pre Stain Wood Conditioner
Product code : 1500
Other means of identification : Not available
Product type : Liquid
Relevant identified uses of the substance or mixture and uses advised against
Not applicable

Manufacturer : M NWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Emergency telephone number of the company : (216) 566 2917

Product Information Telephone Number : (800) 523 9299

Regulatory Information Telephone Number : (216) 566 2902

Transportation Emergency Telephone Number : (800) 424 9300

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance or mixture : FLAMMABLE LIQUIDS Category 3
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) Category 3
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) Category 3
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) Category 2
ASPIRATION HAZARD Category 1
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 89.7%

GHS label elements

Hazard pictograms



Signal word

Hazard statements

: Danger
: Flammable liquid and vapor
May be fatal if swallowed and enters airways
May cause respiratory irritation
May cause drowsiness and dizziness
May cause damage to organs through prolonged or repeated exposure

Precautionary statements

General

: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Section 2. Hazards identification

Prevention	: Wear protective gloves Wear eye or face protection Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No smoking Use explosion proof electrical, ventilating, lighting and all material handling equipment Use only non-sparking tools Take precautionary measures against static discharge Keep container tightly closed Use only outdoors or in a well-ventilated area Do not breathe vapor
Response	: Get medical attention if you feel unwell F NHALED: Remove person to fresh air and keep comfortable for breathing Call a POISON CENTER or physician if you feel unwell F SWALLOWED: Immediately call a POISON CENTER or physician Do NOT induce vomiting F ON SKIN (or hair): Take off immediately all contaminated clothing Rinse skin with water or shower
Storage	: Store locked up Store in a well-ventilated place Keep cool
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations
Supplemental label elements	DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water filled, metal container Dispose of in accordance with local fire regulations DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE Contains solvents which can cause permanent brain and nervous system damage Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm Please refer to the SDS for additional information Do not transfer contents to other containers for storage
Hazards not otherwise classified	: None known

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of identification	: Not available
<u>CAS number/other identifiers</u>	

Ingredient name	% by weight	CAS number
Med Aromatic Hydrocarbon Solvent	≥75 <90	64742-88-7

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section

Occupational exposure limits, if available, are listed in Section 8

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids Check for and remove any contact lenses Continue to rinse for at least 10 minutes Get medical attention following exposure or if feeling unwell
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation Get medical attention If necessary, call a poison center or physician If unconscious, place in recovery position and get medical attention immediately Maintain an open airway Loosen tight clothing such as a collar, tie, belt or waistband

Section 4. First aid measures

- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. May cause respiratory irritation.
- Skin contact** : No known significant effects or critical hazards
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

- Eye contact** : No specific data
- Inhalation** : Adverse symptoms may include the following:
respiratory tract irritation
coughing
nausea or vomiting
headache
drowsiness/fatigue
dizziness/vertigo
unconsciousness
- Skin contact** : No specific data
- Ingestion** : Adverse symptoms may include the following:
nausea or vomiting

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action should be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam

Unsuitable extinguishing media : Do not use water jet

Specific hazards arising from the chemical : Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No fires, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark proof tools and explosion proof equipment. Dilute with water and mop up if water soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Use spark proof tools and explosion proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

- : Put on appropriate personal protective equipment (see Section 8) Do not breathe vapor or mist Do not swallow Avoid contact with eyes, skin and clothing Use only with adequate ventilation Wear appropriate respirator when ventilation is inadequate Do not enter storage areas and confined spaces unless adequately ventilated Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use Store and use away from heat, sparks, open flame or any other ignition source Use explosion proof electrical (ventilating, lighting and material handling) equipment Use only non-sparking tools Take precautionary measures against electrostatic discharges Empty containers retain product residue and can be hazardous Do not reuse container

Advice on general occupational hygiene

- : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed Workers should wash hands and face before eating, drinking and smoking Remove contaminated clothing and protective equipment before entering eating areas See also Section 8 for additional information on hygiene measures

Conditions for safe storage, including any incompatibilities

- : Store in accordance with local regulations Store in a segregated and approved area Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink Store locked up Eliminate all ignition sources Separate from oxidizing materials Keep container tightly closed and sealed until ready for use Containers that have been opened must be carefully resealed and kept upright to prevent leakage Do not store in unlabelled containers Use appropriate containment to avoid environmental contamination

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name

Med Aromatic Hydrocarbon Solvent

Exposure limits

OSHA PEL (United States, 2/2013)

TWA: 100 ppm 8 hours

TWA: 400 mg/m³ 8 hours

Appropriate engineering controls

- : Use only with adequate ventilation Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits The engineering controls also need to keep gas, vapor or dust concentrations below any other explosive limits Use explosion proof ventilation equipment

Environmental exposure controls

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels

Individual protection measures

Hygiene measures

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period Appropriate techniques should be used to remove potentially contaminated clothing Wash contaminated clothing before reusing Ensure that eyewash stations and safety showers are close to the workstation location

Eye/face protection

- : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields

Section 8. Exposure controls/personal protection

Skin protection

Hand protection

- : Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

- : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection

- : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

- : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

Physical state

- : Liquid

Color

- : Not available

Odor

- : Not available

Odor threshold

- : Not available

pH

- : Not available

Melting point

- : Not available

Boiling point

- : 148°C (298.4°F)

Flash point

- : Closed cup: 38°C (100.4°F) [Pensky Martens Closed Cup]

Evaporation rate

- : 0.13 (butyl acetate = 1)

Flammability (solid, gas)

- : Not available

Lower and upper explosive (flammable) limits

- : Lower: 1%
Upper: 6%

Vapor pressure

- : 0.023 kPa (0.169 mm Hg) [at 20°C]

Vapor density

- : 5 [Air = 1]

Relative density

- : 0.79

Solubility

- : Not available

Partition coefficient: n-octanol/water

- : Not available

Auto-ignition temperature

- : Not available

Decomposition temperature

- : Not available

Viscosity

- : Kinematic (room temperature): <0.205 cm²/s (<20.5 cSt)
Kinematic (40°C (104°F)): <0.205 cm²/s (<20.5 cSt)

Molecular weight

- : Not applicable

Aerosol product

Heat of combustion

- : 37.04 kJ/g

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients
Chemical stability	: The product is stable
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame) Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition Do not allow vapor to accumulate in low or confined areas
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available

Irritation/Corrosion

Not available

Sensitization

Not available

Mutagenicity

Not available

Carcinogenicity

Not available

Reproductive toxicity

Not available

Teratogenicity

Not available

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Medium Aromatic Hydrocarbon Solvent	Category 3	Not applicable	Respiratory tract irritation and Narcotic effects

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Medium Aromatic Hydrocarbon Solvent	Category 2	Not determined	Not determined

Aspiration hazard

Section 11. Toxicological information

Name		Result
Med A iphatic Hydrocarbon So vent		ASP RAT ON HAZARD Category 1
Information on the likely routes of exposure : Not avai ab e		
<u>Potential acute health effects</u>		
Eye contact	: No known significant effects or critica hazards	
Inhalation	: Can cause centra nervous system (CNS) depression May cause drowsiness and dizziness May cause respiratory irritation	
Skin contact	: No known significant effects or critica hazards	
Ingestion	: Can cause centra nervous system (CNS) depression May be fata if swa owed and enters airways	
<u>Symptoms related to the physical, chemical and toxicological characteristics</u>		
Eye contact	: No specific data	
Inhalation	: Adverse symptoms may inc ude the fo owing: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness	
Skin contact	: No specific data	
Ingestion	: Adverse symptoms may inc ude the fo owing: nausea or vomiting	
<u>Delayed and immediate effects and also chronic effects from short and long term exposure</u>		
<u>Short term exposure</u>		
Potential immediate effects	: Not avai ab e	
Potential delayed effects	: Not avai ab e	
<u>Long term exposure</u>		
Potential immediate effects	: Not avai ab e	
Potential delayed effects	: Not avai ab e	
<u>Potential chronic health effects</u>		
Not avai ab e		
General	: May cause damage to organs through pro onged or repeated exposure	
Carcinogenicity	: No known significant effects or critica hazards	
Mutagenicity	: No known significant effects or critica hazards	
Teratogenicity	: No known significant effects or critica hazards	
Developmental effects	: No known significant effects or critica hazards	
Fertility effects	: No known significant effects or critica hazards	

Numerical measures of toxicity

Acute toxicity estimates

Not available

Section 12. Ecological information

Toxicity

Not available

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available

Other adverse effects : No known significant effects or critical hazards

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PA NT	PA NT	PA NT	PA NT	PA NT
Transport hazard class(es)	3 	3 	3 	3 	3 
Packing group					
Environmental hazards	No	No	No	No	No

Section 14. Transport information

Additional information	This product may be reclassified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials. <u>Special provisions</u> Not Applicable <u>ERG No</u> 128	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 218.2.19 (Class 3) <u>Special provisions</u> Not Applicable <u>ERG No</u> 128	<u>Special provisions</u> (ERG#128) <u>ERG No</u> 128	<u>Special provisions</u> Not Applicable	<u>Emergency schedules (EmS)</u> F E, S E
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Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. A packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available

Proper shipping name : Not available

Ship type : Not available

Pollution category : Not available

Section 15. Regulatory information

SARA 313
SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet

California Prop. 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	2
Flammability	2
Physical hazards	0

The customer is responsible for determining the PPE code for this material

Section 16. Other information

Caution: HM S® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HM S® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HM S® ratings are to be used with a fully implemented HM S® program. HM S® is a registered mark of the National Paint & Coatings Association (NPCA). HM S® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

Procedure used to derive the classification

Classification

Fam. Liq. 3, H226
STOT SE 3, H335
STOT SE 3, H336
STOT RE 2, H373
Asp. Tox. 1, H304

Justification

On basis of test data
Calculation method
Calculation method
Calculation method
Calculation method

History

Date of printing : 11/3/2015

Date of issue/Date of revision : 11/3/2015

Date of previous issue : 7/14/2015

Version : 3

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labeling of Chemicals
ATA = International Air Transport Association
BC = Intermediate Bulk Container
MDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 ("Marpo" = marine pollution)
UN = United Nations

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with a country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the application section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.