



# SAFETY DATA SHEET

Issuing Date 22-Jul-2014

Revision Date 30-Mar-2016

Revision Number 1

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

### 1.1. Product identifier

**Product Name** Cross Check™ (All Colors)

**Part Number** 83314 (Orange), 83315 (Green), 83316 (Red), 83317 (Yellow), 83318 (Blue), 83319 (White), 83320 (Pink), 83321 (Gray)

**Formula Code** A498M (Orange), A991M (Green), A992M (Red), A993M (Yellow), A994M (Blue), B095M (White), B100M (Pink), B101M (Gray)

Contains Methyl ethyl ketoxime, Stoddard solvent

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

**Recommended Use** Inspection Paint

**Uses advised against** No information available

### 1.3. Details of the supplier of the safety data sheet

**Importer** (5511) 4785.2600

**Supplier**  
ITW PRO BRANDS  
805 E. Old 56 Highway  
Olathe, KS 66061  
TEL: 1-800-443-9536

### For further information, please contact

**E-mail Address** cservice@itwprobrands.com

### 1.4. Emergency telephone number

**Emergency Telephone Number** 800-535-5053 Infotrac

Europe	112
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## Section 2. Hazards identification

### 2.1. - Classification of the substance or mixture

#### REGULATION (EC) No 1272/2008

Aspiration Toxicity	Category 1
Serious Eye Damage/Eye Irritation	Category 2
Skin Sensitization	Category 1
Germ Cell Mutagenicity	Category 1B
Carcinogenicity	Category 1B
Specific Target Organ Toxicity (Repeated Exposure)	Category 1
Chronic Aquatic Toxicity	Category 3

#### Physical Hazards

Flammable liquids	Category 3
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**2.2. Label Elements****Signal Word****Danger****Hazard Statements**

H304 - May be fatal if swallowed and enters airways  
 H317 - May cause an allergic skin reaction  
 H319 - Causes serious eye irritation  
 H340 - May cause genetic defects  
 H350 - May cause cancer  
 H372 - Causes damage to organs through prolonged or repeated exposure  
 H412 - Harmful to aquatic life with long lasting effects  
 H226 - Flammable liquid and vapor  
 EUH066 - Repeated exposure may cause skin dryness or cracking

**Precautionary Statements**

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection  
 P201 - Obtain special instructions before use  
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician  
 P331 - Do NOT induce vomiting  
 P308 + P313 - IF exposed or concerned: Get medical advice/ attention

**2.3. Other information**

Contains Formaldehyde

## Section 3. Composition/information on ingredients

**3.1. Substances**

Not applicable

**3.2. Mixtures**

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Solvent naphtha (petroleum), medium aliphatic	265-191-7	64742-88-7	40-50	STOT RE 1 (H372) Asp. Tox. 1 (H304)	No data available
Titanium dioxide	236-675-5	13463-67-7	0-30		No data available
Manganese	231-105-1	7439-96-5	0-10		No data available
Ci 15865	226-102-7	5280-66-0	0-10		No data available
Silicon dioxide	231-545-4	7631-86-9	0-5		No data available
Petroleum distillates, hydrotreated light	265-149-8	64742-47-8	1-5	Asp. Tox. 1 (H304)	No data available
Propylene glycol monomethyl ether acetate	203-603-9	108-65-6	1-5	Flam. Liq. 3 (H226)	No data available

Aluminum hydroxide	244-492-7	21645-51-2	0-3		No data available
Methyl ethyl ketoxime	202-496-6	96-29-7	< 3	Acute Tox. 4 (H312) Carc. 2 (H351) Eye Dam. 1 (H318) Skin Sens. 1 (H317)	No data available
Kaolin	310-194-1	1332-58-7	0-3		No data available
Diacetone alcohol	204-626-7	123-42-2	1-5	Eye Irrit. 2 (H319)	No data available
Ethylbenzene	202-849-4	100-41-4	< 1	Flam. Liq. 2 (H225) STOT RE 2 (H373) (H350) Asp. Tox. 1 (H304) Acute Tox. 4 (H332)	No data available
Methyl-2-benzimidazole carbamate	234-232-0	10605-21-7	< 0.5	Repr. 1B (H360FD) Muta. 1B (H340) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available
Stoddard solvent	232-489-3	8052-41-3	< 0.5	STOT RE 1 (H372) Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304)	No data available

**For the full text of the H-Statements mentioned in this Section, see Section 16**

## Section 4. First aid measures

### 4.1. Description of first-aid measures

<b>General Advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Rinse mouth. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Aspiration hazard if swallowed - can enter lungs and cause damage.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Protection of First-aiders</b>	Remove all sources of ignition.

### 4.2. Most important symptoms and effects, both acute and delayed

**Most Important Symptoms/Effects** May cause allergic skin reaction. Eye irritation/reactions. Aspiration into lungs can produce severe lung damage.

### 4.3. Indication of immediate medical attention and special treatment needed

**Notes to Physician** May cause sensitization of susceptible persons. Treat symptomatically.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Water fog. Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>).

**Extinguishing media which must not be used for safety reasons**

No information available.

**5.2. Special hazards arising from the substance or mixture****Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

**5.3. Advice for firefighters****Special protective equipment for fire-fighters**

Cool closed containers exposed to fire with water spray. As in any fire, wear self-contained breathing apparatus and full protective gear.

**Section 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Take precautionary measures against static discharges. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Stop leak if you can do it without risk.

**6.2. 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. See Section 12 for additional Ecological Information.

**6.3. Methods and materials for containment and cleaning up**

Small spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Large spillage: Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

**6.4. Reference to other sections**

See Section 12 for additional information.

**Section 7. Handling and storage****7.1. Precautions for Safe Handling****Handling**

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Avoid contact with skin, eyes and clothing. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof.

**Hygiene Measures**

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep away from open flames, hot surfaces and sources of ignition. Keep away from incompatible materials. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep container closed when not in use.

**7.3. Specific end use(s)****Exposure Scenario**

No information available.

**Other Guidelines**

No information available.

**Section 8. Exposure controls/personal protection****8.1. Control parameters**

## Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Titanium dioxide 13463-67-7		STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	VME: 10 mg/m <sup>3</sup>	VLA-ED: 10 mg/m <sup>3</sup>	
Manganese 7439-96-5		STEL: 1.5 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>	VME: 1 mg/m <sup>3</sup>	VLA-ED: 0.2 mg/m <sup>3</sup>	MAK: 0.2 mg/m <sup>3</sup> MAK: 0.02 mg/m <sup>3</sup> Ceiling / Peak: 1.6 mg/m <sup>3</sup> Ceiling / Peak: 0.16 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>
Silicon dioxide 7631-86-9		STEL: 18 mg/m <sup>3</sup> STEL: 7.2 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup>			TWA: 4 mg/m <sup>3</sup>
Petroleum distillates, hydrotreated light 64742-47-8					TWA: 20 ppm TWA: 140 mg/m <sup>3</sup> Ceiling / Peak: 40 ppm Ceiling / Peak: 280 mg/m <sup>3</sup>
Propylene glycol monomethyl ether acetate 108-65-6	S* TWA 50 ppm TWA 275 mg/m <sup>3</sup> STEL 100 ppm STEL 550 mg/m <sup>3</sup>	STEL: 100 ppm STEL: 548 mg/m <sup>3</sup> TWA: 50 ppm TWA: 274 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup>	S* STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> Ceiling / Peak: 50 ppm Ceiling / Peak: 270 mg/m <sup>3</sup>
Aluminum hydroxide 21645-51-2		TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>			TWA: 4 mg/m <sup>3</sup> TWA: 1.5 mg/m <sup>3</sup>
Methyl ethyl ketoxime 96-29-7					Skin TWA: 0.3 ppm TWA: 1 mg/m <sup>3</sup>
Kaolin 1332-58-7		STEL: 6 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	VME: 10 mg/m <sup>3</sup>	VLA-ED: 2 mg/m <sup>3</sup>	
Diacetone alcohol 123-42-2		STEL: 75 ppm STEL: 362 mg/m <sup>3</sup> TWA: 50 ppm TWA: 241 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 241 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 96 mg/m <sup>3</sup> Ceiling / Peak: 40 ppm Ceiling / Peak: 192 mg/m <sup>3</sup> Skin
Ethylbenzene 100-41-4	S* TWA 100 ppm TWA 442 mg/m <sup>3</sup> STEL 200 ppm STEL 884 mg/m <sup>3</sup>	STEL: 125 ppm STEL: 552 mg/m <sup>3</sup> TWA: 100 ppm TWA: 441 mg/m <sup>3</sup> Skin	TWA: 20 ppm TWA: 88.4 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup>	S* STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> TWA: 100 ppm TWA: 441 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 88 mg/m <sup>3</sup> Ceiling / Peak: 40 ppm Ceiling / Peak: 176 mg/m <sup>3</sup> Skin
Methyl-2-benzimidazole carbamate 10605-21-7					MAK: 10 mg/m <sup>3</sup> Ceiling / Peak: 40 mg/m <sup>3</sup>
<b>Component</b>	<b>Italy</b>	<b>Portugal</b>	<b>The Netherlands</b>	<b>Finland</b>	<b>Denmark</b>
Titanium dioxide 13463-67-7 ( 0-30 )		TWA: 10 mg/m <sup>3</sup>			TWA: 6 mg/m <sup>3</sup>
Manganese 7439-96-5 ( 0-10 )		TWA: 0.2 mg/m <sup>3</sup>		TWA: 0.2 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>
Silicon dioxide 7631-86-9 ( 0-5 )				TWA: 5 mg/m <sup>3</sup>	

Propylene glycol monomethyl ether acetate 108-65-6 ( 1-5 )	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin		TWA: 550 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> Skin
Aluminum hydroxide 21645-51-2 ( 0-3 )			TWA: 0.05 mg/m <sup>3</sup>		
Kaolin 1332-58-7 ( 0-3 )		TWA: 2 mg/m <sup>3</sup>		TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
Diacetone alcohol 123-42-2 ( 1-5 )		TWA: 50 ppm		TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> STEL: 75 ppm STEL: 360 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>
Ethylbenzene 100-41-4 ( < 1 )	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> Skin	STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> TWA: 100 ppm TWA: 442 mg/m <sup>3</sup>	Skin STEL: 430 mg/m <sup>3</sup> TWA: 215 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 220 mg/m <sup>3</sup> STEL: 200 ppm STEL: 880 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 217 mg/m <sup>3</sup> Skin
Stoddard solvent 8052-41-3 ( < 0.5 )		TWA: 100 ppm			TWA: 25 ppm TWA: 145 mg/m <sup>3</sup>
<b>Chemical Name</b>	<b>Austria</b>	<b>Switzerland</b>	<b>Poland</b>	<b>Norway</b>	<b>Ireland</b>
Titanium dioxide 13463-67-7	STEL 10 mg/m <sup>3</sup> MAK: 5 mg/m <sup>3</sup>	MAK: 3 mg/m <sup>3</sup>	NDSch: 30 mg/m <sup>3</sup> NDS: 10.0 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>
Manganese 7439-96-5	STEL 2 mg/m <sup>3</sup> MAK: 0.5 mg/m <sup>3</sup>	MAK: 0.5 mg/m <sup>3</sup>	NDS: 0.3 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> STEL: 3 ppm STEL: 0.3 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 0.2 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>
Ci 15865 5280-66-0					TWA: 0.2 mg/m <sup>3</sup>
Silicon dioxide 7631-86-9	TWA: 4 mg/m <sup>3</sup> TWA: 0.3 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup> TWA: 0.3 mg/m <sup>3</sup>		TWA: 1.5 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup>
Propylene glycol monomethyl ether acetate 108-65-6	Skin STEL 100 ppm STEL 550 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 275 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>	STEL: 520 mg/m <sup>3</sup> TWA: 260 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> Skin STEL: 75 ppm STEL: 337.5 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin
Aluminum hydroxide 21645-51-2	STEL 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup> TWA: 1.2 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>
Methyl ethyl ketoxime 96-29-7					TWA: 3 ppm TWA: 10 mg/m <sup>3</sup> STEL: 10 ppm STEL: 33 mg/m <sup>3</sup>
Kaolin 1332-58-7		MAK: 3 mg/m <sup>3</sup>	NDS: 10.0 mg/m <sup>3</sup>		TWA: 2.0 mg/m <sup>3</sup>
Diacetone alcohol 123-42-2	Skin TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>	Skin STEL: 40 ppm STEL: 192 mg/m <sup>3</sup> TWA: 20 ppm TWA: 96 mg/m <sup>3</sup>	TWA: 240 mg/m <sup>3</sup>	TWA: 25 ppm TWA: 120 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 150 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> STEL: 75 ppm STEL: 360 mg/m <sup>3</sup>
Ethylbenzene 100-41-4	Skin STEL 200 ppm STEL 880 mg/m <sup>3</sup> TWA: 100 ppm TWA: 440 mg/m <sup>3</sup>	Skin STEL: 50 ppm STEL: 220 mg/m <sup>3</sup> TWA: 50 ppm TWA: 220 mg/m <sup>3</sup>	STEL: 400 mg/m <sup>3</sup> TWA: 200 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 20 mg/m <sup>3</sup> Skin STEL: 10 ppm STEL: 30 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> Skin
Methyl-2-benzimidazole carbamate 10605-21-7			NDS: 10 mg/m <sup>3</sup>		
Stoddard solvent 8052-41-3		TWA: 100 ppm TWA: 525 mg/m <sup>3</sup>	STEL: 900 mg/m <sup>3</sup> TWA: 300 mg/m <sup>3</sup>		TWA: 100 ppm TWA: 573 mg/m <sup>3</sup>
<b>Chemical Name</b>	<b>European Union</b>	<b>United Kingdom</b>	<b>France</b>	<b>Spain</b>	<b>Germany</b>

Manganese 7439-96-5					20 µg/L whole blood end of shift Manganese 20 µg/L whole blood end of several shifts Manganese for long-term exposures
Ethylbenzene 100-41-4			1500 mg/g creatinine urine end of shift at end of workweek Mandelic acid Non-specific (observed after the exposure to other substances)	700 mg/g Creatinine urine end of workweek Mandelic acid plus Phenylglyoxylic acid 1,1,S	300 mg/g urine end of shift Mandelic acid plus Phenylglyoxylic acid
<b>Component</b>	<b>Italy</b>	<b>Portugal</b>	<b>Netherlands</b>	<b>Finland</b>	<b>Denmark</b>
Ethylbenzene 100-41-4 ( < 1 )	(ACGIH:) 0.15 g/g Creatinine urine end of shift at end of workweek Sum of Mandelic acid and Phenylglyoxylic acid Nonspecific, semi-quantitative				
<b>Chemical Name</b>	<b>Austria</b>	<b>Switzerland</b>	<b>Poland</b>	<b>Norway</b>	<b>Ireland</b>
Manganese 7439-96-5		20 µg/L whole blood end of shift, and after several shifts (for long-term exposures) Manganese Q			
Ethylbenzene 100-41-4		800 mg/L urine end of shift Mandelic acid and Phenylglyoxylacid			
<b>Component</b>	<b>Romania</b>	<b>Slovakia</b>	<b>Latvia</b>	<b>Bulgaria</b>	
Manganese 7439-96-5 ( 0-10 )	10 µg/L urine end of shift Manganese				
Ethylbenzene 100-41-4 ( < 1 )	1.5 g/g Creatinine urine end of work week Mandelic acid	12 mg/L urine end of exposure or work shift 2 and 4-Ethylphenol also after all work shifts for long-term exposure 1600 mg/L urine end of exposure or work shift Mandelic acid and phenylglycolic acid also after all work shifts for long-term exposure			

**Derived No Effect Level** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

#### Eye Protection

Goggles

#### Skin and Body Protection

Risk of contact: Boots. Apron.

#### Hand Protection

Chemical resistant gloves.

#### Respiratory Protection

No special protective equipment required. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Environmental Exposure Controls** Do not allow material to contaminate ground water system.

## Section 9. Physical and chemical properties

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

<b>Physical State</b>	Viscous liquid	<b>Appearance</b>	Opaque, Varies.
<b>Odor</b>	Mild		

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	No data available	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	136.1-251.7 °C / 277- 485 °F	None known
<b>Flash Point</b>	40.6 °C / 105 °F	None known
<b>Evaporation rate</b>	< 1 (BuAc = 1)	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	> 1 (air = 1)	None known
<b>Relative Density</b>	No data available	None known
<b>Water Solubility</b>	Negligible	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known
<b>Flammable Properties</b>	Flammable; may be ignited by heat, sparks or flames.	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

**9.2. Other information**

<b>VOC Content (%)</b>	A498M Orange: 42.28% A991M Green: 38.74% A992M Red: 39.94% A993M Yellow: 40.08% A994M Blue: 37.62% B095M White: 30.83% B100M Pink: 30.83% B101M Gray: 30.83%
<b>VOC (g/l)</b>	A498M Orange: 430 g/L A991M Green: 377 g/L A992M Red: 385 g/L A993M Yellow: 374 g/L A994M Blue: 364 g/L B095M White: 384 g/L B100M Pink: 384 g/L B101M Gray: 384 g/L
<b>Flammability Limits in Air</b>	
<b>Upper</b>	7.0
<b>Lower</b>	1.10

**Section 10. Stability and reactivity****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

None under normal processing.

**10.4. Conditions to avoid**

Heat, flames and sparks. Incompatible products.



**10.5. Incompatible materials**

Strong oxidizing agents. Strong reducing agents. Strong alkalis. Strong acids.

**10.6. Hazardous decomposition products**

Carbon oxides. Soot. Smoke

## Section 11. Toxicological information

**11.1. Information on toxicological effects****Acute Toxicity****Product Information****Inhalation****Eye Contact****Skin Contact****Ingestion**

Inhalation of vapors in high concentration may cause irritation of respiratory system.

Causes serious eye irritation.

May cause irritation. May cause allergic skin reaction.

Ingestion may cause nausea and vomiting. Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Solvent naphtha (petroleum), medium aliphatic	> 5000 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	> 5.28 mg/L ( Rat ) 4 h
Titanium dioxide	> 10000 mg/kg ( Rat )		
Manganese	= 9 g/kg ( Rat )		
Silicon dioxide	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	>2.2 mg/L ( Rat ) 4 h
Petroleum distillates, hydrotreated light	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Propylene glycol monomethyl ether acetate	= 8532 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	5321 mg/m <sup>3</sup>
Aluminum hydroxide	> 5000 mg/kg ( Rat )	-	-
Methyl ethyl ketoxime	= 930 mg/kg ( Rat )	= 0.2 mg/kg ( Rabbit )	= 20 mg/L ( Rat ) 4 h
Diacetone alcohol	= 4 g/kg ( Rat )	= 13500 mg/kg ( Rabbit )	
Ethylbenzene	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.2 mg/L ( Rat ) 4 h
Methyl-2-benzimidazole carbamate	= 6400 mg/kg ( Rat )	= 8500 mg/kg ( Rabbit ) = 2 g/kg ( Rat )	

**Sensitization****Mutagenic Effects****Carcinogenic Effects**

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Contains a known or suspected mutagen. May cause genetic defects.

May cause cancer.

**Reproductive Toxicity****Developmental Toxicity****STOT - single exposure****STOT - repeated exposure****Target Organ Effects****Aspiration Hazard**

Contains a known or suspected reproductive toxin. May damage fertility or the unborn child

No information available.

No information available.

Causes damage to organs through prolonged or repeated exposure.

Central nervous system (CNS). Eyes. Kidney. Liver. Respiratory system. Skin.

May be fatal if swallowed and enters airways

## Section 12. Ecological information

**12.1. Toxicity****Ecotoxicity Effects**

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Solvent naphtha (petroleum), medium aliphatic	EC50 96 h: = 450 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 800 mg/L static (Pimephales promelas)		EC50 48 h: > 100 mg/L (Daphnia magna)

Silicon dioxide	EC50 72 h: = 440 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 5000 mg/L static (Brachydanio rerio)		EC50 48 h: = 7600 mg/L (Ceriodaphnia dubia)
Petroleum distillates, hydrotreated light		LC50 96 h: = 45 mg/L flow-through (Pimephales promelas) LC50 96 h: = 2.2 mg/L static (Lepomis macrochirus) LC50 96 h: = 2.4 mg/L static (Oncorhynchus mykiss)		LC50 96 h: = 4720 mg/L (Den-dronereides heteropoda)
Propylene glycol monomethyl ether acetate		LC50 96 h: = 161 mg/L static (Pimephales promelas)		EC50 48 h: > 500 mg/L (Daphnia magna)
Methyl ethyl ketoxime	EC50 72 h: = 83 mg/L (Desmodesmus subspicatus)	LC50 96 h: 777 - 914 mg/L flow-through (Pimephales promelas) LC50 96 h: = 760 mg/L static (Poecilia reticulata) LC50 96 h: 320 - 1000 mg/L static (Leuciscus idus)	EC50 = 281 mg/L 17 h EC50 = 950 mg/L 5 min	EC50 48 h: = 750 mg/L (Daphnia magna)
Diacetone alcohol		LC50 96 h: = 420 mg/L static (Lepomis macrochirus) LC50 96 h: = 420 mg/L (Lepomis macrochirus)		EC50 24 h: = 8750 mg/L (Daphnia magna)
Ethylbenzene	EC50 72 h: = 4.6 mg/L (Pseudokirchneriella subcapitata) EC50 96 h: > 438 mg/L (Pseudokirchneriella subcapitata) EC50 72 h: 2.6 - 11.3 mg/L static (Pseudokirchneriella subcapitata) EC50 96 h: 1.7 - 7.6 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: = 11 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: 11.0 - 18.0 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 4.2 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: 7.55 - 11 mg/L flow-through (Pimephales promelas) LC50 96 h: = 32 mg/L static (Lepomis macrochirus) LC50 96 h: 9.1 - 15.6 mg/L static (Pimephales promelas) LC50 96 h: = 9.6 mg/L static (Poecilia reticulata)	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	EC50 48 h: 1.8 - 2.4 mg/L (Daphnia magna)

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

Chemical Name	Log Pow
Propylene glycol monomethyl ether acetate	0.43
Methyl ethyl ketoxime	0.65
Diacetone alcohol	1.03
Ethylbenzene	3.118

**12.4. Mobility in soil**

Adsorbs on soil.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Methyl-2-benzimidazole carbamate	Group II Chemical		Pesticide

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

<b>Waste from Residues / Unused Products</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>Other Information</b>	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14. Transport information

### IMDG/IMO

<b>14.1. UN-Number</b>	UN1993
<b>14.2. Proper Shipping Name</b>	Flammable liquid, n.o.s.
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III, (40.6°C c.c.)
<b>14.5. Marine Pollutant</b>	None
<b>14.6. Special Provisions</b>	None
<b>EmS No.</b>	F-E, S-E
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available.

### RID

<b>14.1. UN-Number</b>	UN1993
<b>14.2. Proper Shipping Name</b>	Flammable liquid, n.o.s.
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III
<b>14.5. Environmental hazard</b>	None
<b>14.6. Special Provisions</b>	None
<b>Classification Code</b>	F1

### ADR

<b>14.1. UN-Number</b>	UN1993
<b>14.2. Proper Shipping Name</b>	Flammable liquid, n.o.s.
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III, (D/E)
<b>14.5. Environmental hazard</b>	None
<b>14.6. Special Provisions</b>	None
<b>Classification Code</b>	F1

### ICAO

<b>14.1. UN-Number</b>	UN1993
<b>14.2. Proper shipping name</b>	Flammable liquid, n.o.s.
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III

<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III
<b>14.5. Environmental hazard</b>	None
<b>14.6. Special Provisions</b>	None
<b>IATA</b>	
<b>14.1. UN-Number</b>	UN1993
<b>14.2. Proper Shipping Name</b>	Flammable liquid, n.o.s.
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III
<b>14.5. Environmental hazard</b>	None
<b>14.6. Special Provisions</b>	None
<b>ERG Code</b>	3L

## Section 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Inventories

<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	Not determined
<b>DSL/NDSL</b>	Not determined
<b>PICCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>AICS</b>	-
<b>KECL</b>	-

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances

### 15.2. Chemical Safety Assessment

No information available

## Section 16. Other information

**Full text of H-Statements referred to under sections 2 and 3**

H360FD - May damage fertility. May damage the unborn child  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H319 - Causes serious eye irritation  
H304 - May be fatal if swallowed and enters airways  
H312 - Harmful in contact with skin  
H351 - Suspected of causing cancer if inhaled  
H318 - Causes serious eye damage  
H317 - May cause an allergic skin reaction  
H340 - May cause genetic defects  
H350 - May cause cancer  
H372 - Causes damage to organs through prolonged or repeated exposure  
EUH066 - Repeated exposure may cause skin dryness or cracking  
H412 - Harmful to aquatic life with long lasting effects  
H226 - Flammable liquid and vapor

**Key literature references and sources for data**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

<b>Issuing Date</b>	22-Jul-2014
<b>Revision Date</b>	30-Mar-2016
<b>Revision Note</b>	Change to composition.

**This safety data sheet complies with the requirements of Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No. 1907/2006**

**General Disclaimer**

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End of Safety Data Sheet