SAFETY DATA SHEET

Issuing Date 05-Aug-2016 **Revision Date** 28-Oct-2016 **Revision Number** 2

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

1.1. Product identifier

Product Name **Cross Check™ - Orange, Green, Red, Yellow and Blue**

Part Number 83314 (Orange), 83315 (Green), 83316 (Red), 83317 (Yellow), 83318 (Blue)
Formula Code A498M (Orange), A991M (Green), A992M (Red), A993M (Yellow), A994M (Blue)
Contains Solvent naphtha (petroleum), medium aliphatic, Methyl ethyl ketoxime

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

Section 2. Hazards identification

2.1. - Classification of the substance or mixture

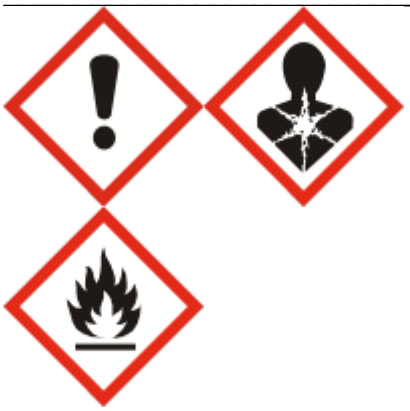
REGULATION (EC) No 1272/2008

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

Physical Hazards

Flammable liquids	Category 3

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
H226 - Flammable liquid and vapor
Contains Formaldehyde
EUH066 - Repeated exposure may cause skin dryness or cracking

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

2.3. Other information
No information available.

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	42.85	STOT RE 1 (H372) Asp. Tox. 1 (H304)	No data available
Petroleum distillates, hydrotreated light	265-149-8	64742-47-8	4.14	Asp. Tox. 1 (H304)	No data available
Methyl ethyl ketoxime	202-496-6	96-29-7	2.95	Acute Tox. 4 (H312) Carc. 2 (H351) Eye Dam. 1 (H318) Skin Sens. 1 (H317)	No data available
Diacetone alcohol	204-626-7	123-42-2	1.93	Eye Irrit. 2 (H319)	No data available
Stoddard solvent	232-489-3	8052-41-3	0.11	STOT RE 1 (H372) Muta. 1B (H340)	No data available

				Carc. 1B (H350) Asp. Tox. 1 (H304)	

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

General Advice Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Eye Contact 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.

Skin Contact 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.

Ingestion 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.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Protection of First-aiders 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_2).

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
Non-sparking tools should be used. 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	Austria	Belgium	Cyprus	Denmark
Methyl ethyl ketoxime 96-29-7		SkSen* Carc*			Carc*
Diacetone alcohol 123-42-2		TWA: 50 ppm TWA: 240 mg/m³ Skin	TWA: 50 ppm TWA: 241 mg/m³		TWA: 50 ppm TWA: 240 mg/m³
Stoddard solvent 8052-41-3			TWA: 100 ppm TWA: 533 mg/m³		TWA: 25 ppm TWA: 145 mg/m³
Chemical Name	**Finland**	**France**	**Germany**	**Gibraltar**	**Greece**
Petroleum distillates, hydrotreated light			TWA: 5 mg/m³ Ceiling / Peak: 20		

64742-47-8			mg/m³ Carc* Repr*		
Methyl ethyl ketoxime 96-29-7			TWA: 0.3 ppm TWA: 1 mg/m³ Carc* Skin Sen*		
Diacetone alcohol 123-42-2	TWA: 50 ppm TWA: 240 mg/m³ STEL: 75 ppm STEL: 360 mg/m³	TWA: 50 ppm TWA: 240 mg/m³	TWA: 20 ppm TWA: 96 mg/m³ Ceiling / Peak: 40 ppm Ceiling / Peak: 192 mg/m³ Skin Repr*		TWA: 50 ppm TWA: 240 mg/m³ STEL: 75 ppm STEL: 360 mg/m³
Stoddard solvent 8052-41-3					TWA: 100 ppm TWA: 575 mg/m³ STEL: 125 ppm STEL: 720 mg/m³

Chemical Name	Ireland	Italy	Lithuania	Luxembourg	Malta
Methyl ethyl ketoxime 96-29-7	TWA: 3 ppm TWA: 10 mg/m³ STEL: 10 ppm STEL: 33 mg/m³				
Diacetone alcohol 123-42-2	TWA: 50 ppm TWA: 240 mg/m³ STEL: 75 ppm STEL: 360 mg/m³	TWA: 50 ppm TWA: 238 mg/m³	TWA: 25 ppm TWA: 120 mg/m³ STEL: 50 ppm STEL: 240 mg/m³		
Stoddard solvent 8052-41-3	TWA: 100 ppm TWA: 573 mg/m³	TWA: 100 ppm TWA: 573 mg/m³	TWA: 50 ppm TWA: 300 mg/m³ STEL: 100 ppm STEL: 600 mg/m³		

Chemical Name	The Netherlands	Norway	Poland	Portugal	Spain
Diacetone alcohol 123-42-2		TWA: 25 ppm TWA: 120 mg/m³ STEL: 25 ppm STEL: 120 mg/m³	TWA: 240 mg/m³	TWA: 50 ppm	TWA: 50 ppm TWA: 241 mg/m³
Stoddard solvent 8052-41-3			TWA: 300 mg/m³ STEL: 900 mg/m³	TWA: 100 ppm	

Chemical Name	Switzerland	Sweden	The United Kingdom
Diacetone alcohol 123-42-2	STEL: 40 ppm STEL: 192 mg/m³ TWA: 20 ppm TWA: 96 mg/m³ Skin	LLV: 25 ppm LLV: 120 mg/m³ Indicative STLV: 50 ppm Indicative STLV: 240 mg/m³	TWA: 50 ppm TWA: 241 mg/m³ STEL: 75 ppm STEL: 362 mg/m³
Stoddard solvent 8052-41-3	TWA: 100 ppm TWA: 525 mg/m³	LLV: 300 mg/m³ LLV: 50 ppm LLV: 175 mg/m³ LLV: 30 ppm Indicative STLV: 100 ppm Indicative STLV: 600 mg/m³ Indicative STLV: 60 ppm Indicative STLV: 350 mg/m³ Skin	

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

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	Personal protection equipment should be chosen according to the CEN standards
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

Physical State	Viscous liquid	**Appearance**	Opaque, Varies.
Odor	Mild		

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

9.2. Other information

VOC Content (%)	A498M Orange: 42.28% A991M Green: 38.74% A992M Red: 39.94% A993M Yellow: 40.08% A994M Blue: 37.62%
VOC (g/l)	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
Flammability Limits in Air	
Upper	7.0
Lower	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 Inhalation of vapors in high concentration may cause irritation of respiratory system.
Eye Contact Causes serious eye irritation.
Skin Contact May cause allergic skin reaction.
Ingestion Ingestion may cause nausea and vomiting. Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Solvent naphtha (petroleum), medium aliphatic	> 25 mL/kg (Rat)	> 3000 mg/kg (Rabbit)	> 13 mg/L (Rat) 4 h
Petroleum distillates, hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Methyl ethyl ketoxime	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4800 mg/m³ (Rat) 4 h
Diacetone alcohol	> 4 g/kg (Rat)	= 13630 mg/kg (Rabbit) = 13500 mg/kg (Rabbit)	> 7.23 g/m³ (Rat) 8 h

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact.
Mutagenic Effects Contains a known or suspected mutagen. May cause genetic defects.
Carcinogenic Effects Contains a known or suspected carcinogen. Suspected of causing cancer

Reproductive Toxicity No information available.
Developmental Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.
Target Organ Effects Central nervous system (CNS). Eyes. Liver. Respiratory system. Skin.
Aspiration Hazard No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects
Harmful to aquatic organisms.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Solvent naphtha	EC50 96 h: = 450 mg/L	LC50 96 h: = 800 mg/L static		EC50 48 h: > 100 mg/L

(petroleum), medium aliphatic	(Pseudokirchneriella subcapitata)	(Pimephales promelas)		(Daphnia magna)
Petroleum distillates, hydrotreated light		LC50 96 h: = 2.2 mg/L static (Lepomis macrochirus) LC50 96 h: = 2.4 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 45 mg/L flow-through (Pimephales promelas)		LC50 96 h: = 4720 mg/L (Den-dronereides heteropoda)
Methyl ethyl ketoxime	EC50 72 h: = 83 mg/L (Desmodesmus subspicatus)	LC50 96 h: 320 - 1000 mg/L static (Leuciscus idus) LC50 96 h: 777 - 914 mg/L flow-through (Pimephales promelas) LC50 96 h: = 760 mg/L static (Poecilia reticulata)	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 (Lepomis macrochirus) LC50 96 h: = 420 mg/L static (Lepomis macrochirus)		EC50 24 h: = 8750 mg/L (Daphnia magna)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Chemical Name	Log Pow
Methyl ethyl ketoxime	0.65
Diacetone alcohol	1.03

12.4. Mobility in soil

Adsorbs on soil.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other Information 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

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

RID Not regulated

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

ADR Not regulated

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

ICAO Not regulated

14.1. UN-Number	UN1993
14.2. Proper shipping name	Flammable liquid, n.o.s.
14.3. Hazard Class	3
14.4. Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III
14.5. Environmental hazard	None
14.6. Special Provisions	None

IATA Not regulated

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

Section 15. Regulatory information

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

International Inventories

TSCA	Complies
EINECS/ELINCS	Not determined
DSL/NDSL	Complies
PICCS	Not determined
ENCS	Not determined
IECSC	Not determined
AICS	Not determined
KECL	Not determined

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
H319 - Causes serious eye irritation
H372 - Causes damage to organs through prolonged or repeated exposure
H304 - May be fatal if swallowed and enters airways
H340 - May cause genetic defects
H350 - May cause cancer
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
EUH066 - Repeated exposure may cause skin dryness or cracking

Key literature references and sources for data
www.ChemADVISOR.com/

Issuing Date 05-Aug-2016

Revision Date 28-Oct-2016

Revision Note (M)SDS sections updated: 15.

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
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