

Safety Data Sheet

This safety data sheet complies with the requirements of: 2012 OSHA Hazard Communication Standard (29CFR 1910.1200)

Product name Wet Chemical Solution

1. Identification			
Company Name	Tura Fire Dratection Draducto		
Company Name	Tyco Fire Protection Products One Stanton Street		
	Marinette, WI 54143-2542 Telephone: 715-735-7411		
1.1. Product Identifier	Telephone. 710-730-7411		
Product name	Wet Chemical Solution		
Froduct name	Wet Chemical Solution		
1.2. Other means of identification			
Product code	551188		
Synonyms	None		
Chemical Family	No information available		
1.3. Recommended use of the che			
Recommended use	No information available		
Uses advised against	Consumer use		
1.4. Details of the Supplier of the Safety Data Sheet			
Contact point	Product Stewardship at 1-715-735-7411		
E-mail address	psra@tycofp.com		
1.5. Emergency Telephone Numbe	r		
Emergency telephone	CHEMTREC 800-424-9300 or 703-527-3887		
2. Hazards Identification			
Classification			
OSHA Regulatory Status			
	is by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)		
Skin Corrosion/Irritation - Category 2			
Serious eye damage/eye irritation - C	Category 2A		

Serious eye damage/eye irritation - Category 2A Specific target organ toxicity (single exposure) - Category 3 2.2. Label Elements Signal Word WARNING

hazard statements CAUSES SKIN IRRITATION Causes serious eye irritation May cause respiratory irritation



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Precautionary Statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Response

IF exposed or concerned: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

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

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2.3. Hazards Not Otherwise Classified (HNOC)

Not Applicable.

2.4. OTHER INFORMATION

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

3.1. Mixture

The following component(s) in this product are considered hazardous under applicable OSHA(USA)

Chemical name	CAS No	weight-%
Potassium carbonate	584-08-7	30 - 60

4. First aid measures

4.1. Description of first aid measures



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Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. (Get medical attention immediately if symptoms occur.).
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If swallowed, call a poison control center or physician immediately.
4.2. Most Important Symptom Symptoms	s and Effects, Both Acute and Delayed No information available.
	ate Medical Attention and Special Treatment Needed Treat symptomatically.
Note to physicians	near symptomatically.

5. Fire-fighting measures

5.1. Suitable Extinguishing Media

Product is extinguishing agent. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Unsuitable Extinguishing Media

None.

5.3. Specific Hazards Arising from the Chemical None known. Hazardous Combustion Carbon oxides, Nitrogen oxides (NOx), Oxides of sulfur Products

5.4. Explosion Data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

5.5. Protective Equipment and Precautions 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 Personal Precautions For emergency responders Ensure adequate ventilation, especially in confined areas. For emergency responders Use personal protection recommended in Section 8. 6.2. Environmental Precautions Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information. 6.3. Methods and material for containment and cleaning up



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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	1	
Advice on safe handling	Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.	
7.2. Conditions for safe storage, in	ncluding any incompatibilities	
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible Materials	Strong oxidizing agents. Strong acids. Strong bases.	
8. Exposure Controls/Perso	nal Protection	
8.1. Control Parameters Exposure guidelines	. This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	
8.2. Appropriate Engineering Controls		
Engineering controls	Showers Eyewash stations Ventilation systems.	
8.3. Individual protection measure	es, such as personal protective equipment	
Eye/Face Protection	Avoid contact with eyes. Tight sealing safety goggles.	
Skin and Body Protection	Wear protective gloves and protective clothing.	
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.	
Ventilation	Use local exhaust or general dilution ventilation to control exposure with applicable limits	
8.4. General hygiene considerations Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.		
	9. Physical and Chemical Properties	
9.1. Information on basic physical	and chemical properties	

Color

No data available



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Property pH Melting point/freezing point Boiling point / boiling range Flash Point Evaporation Rate flammability (solid, gas) Flammability limit in air	VALUES No data available No data available > 100 °C / 212 °F > 100 °C / > 212 °F No data available No data available
Upper flammability limit: Lower flammability limit: Vapor Pressure Vapor Density Specific gravity Water Solubility Solubility in Other Solvents Partition coefficient Autoignition Temperature Decomposition Temperature Kinematic viscosity	No data available No data available
density	1.4

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Remarks • Method

density

10. Stability and Reactivity

10.1. Chemical Stability

Stable under recommended storage conditions.

10.2. Reactivity

No data available

10.3. Possibility of hazardous reactions

None under normal processing.

hazardous polymerization Hazardous polymerization does not occur.

10.4. Conditions to Avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx). Oxides of sulfur.

11. Toxicological Information



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 Solution
 Solution
 Solution
 Solution

11.1. Information on Likely Routes of Exposure Product information no data availa

no data available
no data available.

Acute Toxicity

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Potassium carbonate 584-08-7	= 1870 mg/kg (Rat)	-	-

11.2. Information on Toxicological EffectsSymptomsNo information available.

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization	No information available.
Germ Cell Mutagenicity	No information available
carcinogenicity	No information available.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Aspiration Hazard	No information available.

<u>11.4. Numerical Measures of Toxicity - Product information</u> The following values are calculated based on chapter 3.1 of the GHS document mg/kg

12. Ecological Information

12.1. ecotoxicity Not classified

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Other Adverse Effects

No information available



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13. Disposal Considerations				

<u>13.1. Waste Treatment Methods</u> Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Do not reuse container.
14. Transport Information	
DOT	NOT REGULATED
TDG	NOT REGULATED
MEX	NOT REGULATED

	NOT REGULATED
ICAO (air)	NOT REGULATED
IATA	NOT REGULATED
IMDG	NOT REGULATED

15. Regulatory Information

15.1. International Inventories	
TSCA	Complies
DSL/NDSL	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List 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

15.2. US 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

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic health hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No



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Reactive Hazard

No

CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

15.3. US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

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U.S. State Right-to-Know Regulations

16. Other information, including date of preparation of the last revision					
<u>NFPA</u>	Health Hazards 0	flammability 1	Instability 0	Physical and chemical properties -	
HMIS	Health Hazards 0	flammability 1	Physical Hazards 0	Personal Protection X	
Revision date Revision note	25-May-2015				

No information available

Disclaimer

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.

End of Safety Data Sheet