



SAFETY DATA SHEET

Wetfire Tinder

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Wetfire Tinder

Other means of identification

UN-No. UN2623

Synonyms Firestarting Tinder;
Fire Lighter Cubes;
Part Nos. 20-1WG0412
20-1WG0412-BX5
20-1WG0412-6BX5
20-1WG0412-BX12
Flint Firestarter with Wetfire Tinder Included;
Survival Kit with Wetfire Tinder Included;
Fire Starter Kit with Wetfire Tinder Included.

Recommended use of the chemical and restrictions on use

Recommended Use Camping or emergency tinder for starting fires outdoors.

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name UST Brands
Supplier Address 7720 Philips Highway
Jacksonville
Florida
32256
USA
Supplier Phone Number Phone:904-786-0033
Fax:904-786-0890
Supplier Email sales@ustbrands.com

Emergency telephone number

INFOTRAC USA or Canada: 1-800-535-5053 International: 1-352-323-3500

2. HAZARDS IDENTIFICATION


Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable solids	Category 2
------------------	------------

GHS Label elements, including precautionary statements

Emergency Overview

Signal word	Warning
Hazard Statements	
Flammable solids	
	
Appearance	Physical State
White	Solid
Odor	Characteristic

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating/ lighting/ equipment
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

<7% of the mixture consists of ingredient(s) of unknown toxicity



SAFETY DATA SHEET

Wetfire Tinder

Other information

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Paraffins, petroleum, normal C5-20	64771-72-8	15 - 40	*
Petroleum distillates, hydrotreated light	64742-47-8	10 - 30	*

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

4. FIRST AID MEASURES

First aid measures

General Advice

Call 911 or emergency medical service. Remove and isolate contaminated clothing and shoes.

Eye Contact

In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.

Skin Contact

Removal of solidified molten material from skin requires medical assistance.

Inhalation

Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

Ingestion

Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Difficulty in breathing.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Keep victim warm and quiet.



SAFETY DATA SHEET

Wetfire Tinder

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO₂, sand, earth, water spray or regular foam. Water spray, fog or regular foam.

Unsuitable extinguishing media

None.

Specific Hazards Arising from the Chemical

Some may burn rapidly with flare burning effect. Powders, dusts, shavings, borings, turnings or cuttings may explode or burn with explosive violence. Substance may be transported in a molten form.

Uniform Fire Code

FLAMMABLE SOLID: ORGANIC

Hazardous Combustion Products

Carbon oxides. Hydrocarbons.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material.

Other Information

Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

Environmental Precautions

Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for Containment

Dike far ahead of spill to collect runoff water. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Wet down with water and dike for later disposal.

SDS No.: 1015

Issue Date: May 14/2012

Revision Date: Oct 23/2014

Revision: D

Page 4 of 12



SAFETY DATA SHEET

Wetfire Tinder

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Use personal protection equipment. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Store locked up.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated light 64742-47-8	TWA: 5 mg/m ³ STEL: 10 mg/m ³ (as oil mist)	TWA: 5 mg/m ³ (as oil mist)	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Measures Use spark-proof tools and explosion-proof equipment

Individual protection measures, such as personal protective equipment

Eye/Face Protection None required for consumer use. Wear safety glasses with side shields (or goggles).

Skin and Body Protection None required for consumer use. Wear protective gloves and protective clothing.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Solid	Odor	Characteristic
Appearance	White	Odor Threshold	No information available
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	No data available	Solid
Melting / freezing point	No data available	None known
Boiling point / boiling range	>60 °C (>140°F)	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Highly Flammable	Easily ignitable
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	132 Pa	None known
Vapor density	No data available	None known
Specific Gravity	~0.80 (H ₂ O = 1)	None known
Water Solubility	Insoluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	>207 °C (>405°F)	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing Properties	Not Applicable	Does not contain oxidizing substances.

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.



SAFETY DATA SHEET

Wetfire Tinder

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information. .
Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available. May cause irritation.
Skin Contact	Repeated exposure may cause skin dryness or cracking.
Ingestion	Specific test data for the substance or mixture is not available. May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms Difficulty in breathing.

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

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target Organ Effects	None known.



SAFETY DATA SHEET

Wetfire Tinder

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

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

ATEmix (dermal)
10,772.00 mg/kg (ATE)

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Paraffins, petroleum, normal C5-20 64771-72-8		96h LC50: > 5000 mg/L (Pimephales promelas)		
Petroleum distillates, hydrotreated light 64742-47-8		96h LC50: = 2.2 mg/L (Lepomis macrochirus) 96h LC50: = 2.4 mg/L (Oncorhynchus mykiss) 96h LC50: = 45 mg/L (Pimephales promelas)		96h LC50: = 4720 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number D001

California Hazardous Waste Codes 331



SAFETY DATA SHEET

Wetfire Tinder

14. TRANSPORT INFORMATION

DOT

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Description	UN2623, FIRELIGHTERS, SOLID, 4.1, III
Emergency Response Guide Number	133
Additional Information	General: Ship in accordance with 49 CFR 172.101 Large Quantity Shipments: Ship in accordance with 49 CFR 173.213 Small Quantity Shipments: Road/Railway Shipments within Continental U.S.: Ship in accordance with 49 CFR 173.4 Small Quantity Exceptions. <ul style="list-style-type: none">• Gross package weight no more than 29 kg (64 lbs.)• "This Package Conforms to 49 CFR 173.4 for Highway and Rail Transport Only" label required.• Consult the freight carrier or railway selected for any additional requirements or limitations. Air Shipments within U.S.: Ship in accordance with 49 CFR 173.4a Excepted Quantities. <ul style="list-style-type: none">• Completed "Excepted Quantity" label required.• Consult the air carrier selected for any additional requirements or limitations.

TDG

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Description	UN2623, FIRELIGHTERS, SOLID, 4.1, III

MEX

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Description	UN2623 FIRELIGHTERS, SOLID, 4.1, III

ICAO

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Description	UN2623, FIRELIGHTERS, SOLID, 4.1, III



SAFETY DATA SHEET

Wetfire Tinder

IATA

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Description	UN2623, FIRELIGHTERS, SOLID, 4.1, III

IMDG/IMO

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
EmS No.	F-A, S-I
Description	UN2623, FIRELIGHTERS, SOLID, 4.1, III

RID

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Classification code	F1
Description	UN2623 FIRELIGHTERS, SOLID, 4.1, III

ADR

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Classification code	F1
Description	UN2623 FIRELIGHTERS, SOLID, 4.1, III

ADN

UN-No.	UN2623
Proper Shipping Name	FIRELIGHTERS, SOLID
Hazard Class	4.1
Packing Group	III
Classification code	F1
Description	UN2623 FIRELIGHTERS, SOLID, 4.1, III
Hazard Labels	4.1
Limited Quantity	5 KG

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL.

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

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or 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	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations. .

International Regulations

Canada

WHMIS Hazard Class

B4 - Flammable solid
D2A - Very toxic materials





SAFETY DATA SHEET

Wetfire Tinder

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	1	Flammability	2	Instability	0	Physical and Chemical Hazards	-
<u>HMIS</u>	Health Hazards	1	Flammability	2	Physical Hazard	0	Personal Protection	X

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date 23-Oct-2014
Revision Note No information available.

Revision D is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

Disclaimer of Liability: Since conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. The information contained in this SDS is believed to be true and accurate. All statements or suggestions are made without warranty, express or implied, regarding the accuracy of the information, the hazards connected with the use of the product, or the results to be obtained from the use thereof. Compliance with all federal, state, and local laws and regulations remains the responsibility of the user.

User Responsibility: This SDS cannot cover all possible situations which the distributor, retailer, or end user may experience during transport, storage, processing, or use. The user should examine each aspect of his operation and determine if additional precautions should be taken. All health and safety information contained in this SDS should be provided to the user's employees or customers. It is the user's responsibility to use this information to develop appropriate work practice guidelines and employee training programs for his operation.

End of Safety Data Sheet