



SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

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

Product Identifier

Product Name

Kingsford® Odorless Charcoal Lighter

Kingsford Odorless
Charcoal Lighter
Fluid

Other means of identification

Synonyms

None

Recommended use of the chemical and restrictions on use

Recommended use

Fuel for lighting charcoal

Uses advised against

No information available

Details of the supplier of the safety data sheet

Supplier Address

The Clorox Company
1221 Broadway
Oakland, CA 94612

Phone: 1-510-271-7000

Emergency telephone number

Emergency Phone Numbers

For Medical Emergencies, call: 1-800-446-1014

For Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION**Classification**

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

Aspiration toxicity	Category 1
Flammable liquids	Category 3

GHS Label elements, including precautionary statements**Emergency Overview**

Signal word	Danger		
Hazard Statements	May be fatal if swallowed and enters airways Flammable liquid and vapor		
			
Appearance	Clear, colorless	Physical State	Liquid
		Odor	Petroleum solvent

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear eye protection such as safety glasses.

Precautionary Statements - Response

If swallowed: Immediately call a poison control center or doctor.
Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
In case of fire: Use dry chemical, carbon dioxide (CO₂), foam, or water fog to extinguish.

Precautionary Statements - Storage

Store locked up.
Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents in accordance with all applicable federal, state, and local regulations.

Hazards not otherwise classified (HNOC)

Vapors may cause irritation to the nose, throat, and respiratory tract. Repeated or prolonged exposure to concentrations above the Worker Exposure Limit may cause central nervous system depression (e.g. dizziness, weakness, nausea, headaches and/or unconsciousness).

Solvents similar to those contained in this product have caused adverse kidney effects in male rats after prolonged and repeated inhalation exposure. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

Unknown Toxicity

None of the mixture consists of ingredients of unknown toxicity.

Other information

Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Interactions with Other Chemicals

Reacts with strong oxidizers.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Petroleum distillates, hydrotreated light	64742-47-8	100	No

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

4. FIRST AID MEASURES**First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

Eye Contact

Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin Contact

Wash skin with soap and water. If irritation persists, call a doctor.

Inhalation

Move to fresh air. If irritation or breathing problems develop, call a doctor.

Ingestion

DO NOT INDUCE VOMITING. Call a doctor or poison control center immediately. Aspiration hazard if swallowed - can enter lungs and cause chemical pneumonitis. If vomiting occurs, lean victim forward to reduce the risk of aspiration.

Protection of First-aiders

Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed**Most Important Symptoms and Effects**

Vapors may cause irritation to the nose, throat, and respiratory tract. Inhalation of high concentrations of vapors may cause central nervous system depression (e.g. dizziness, weakness, nausea, headaches, and/or unconsciousness).

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use dry chemical, carbon dioxide (CO₂), foam, or water fog to extinguish. Do not use a direct stream of water.

Unsuitable Extinguishing Media

Use of water spray may be inefficient.

Specific Hazards Arising from the Chemical

Flammable.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Yes.

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

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. Use personal protective equipment as required. Eliminate all potential sources of ignition. Take precautionary measures against static discharges.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions Prevent entry into waterways, sewers, basements, and confined areas.

Methods and material for containment and cleaning up

Methods for Containment Prevent further spillage if safe to do so. Absorb with non-combustible absorbent material. Keep out of drains, sewers, ditches, and waterways.

Methods for Cleaning Up Remove heat and ignition sources. Absorb and containerize. Do not wash down to sanitary sewer.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Keep away from heat, sparks, open flames, and hot surfaces. Do not eat, drink, or smoke when using this product. To avoid vapor ignition by static electricity discharge, all metal parts of equipment must be grounded.

Conditions for safe storage, including any incompatibilities

Storage Store in accordance with NFPA 30B for Class II combustible liquids. Store locked up in a well-ventilated and dry area away from open flames, heat sources, and other ignition sources.

Incompatible Products Strong oxidizers.

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 - 100 ppm ^b ^b Based on TWA for Stoddard solvent	TWA - 500 ppm ^d ^d Based on TWA for Stoddard solvent	IDLH ^e - 20000 mg/m ³ Ceiling ^e - 1800 mg/m ³ (15 min) TWA ^e - 350 mg/m ³ ^e Based on limits for Stoddard solvent

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.

Appropriate engineering controls**Engineering Measures**

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Wear safety glasses. None required for consumer use.

Skin and Body Protection

Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when using this product. Do not wear product-contaminated clothing for prolonged periods. Wash hands after handling product.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and Chemical Properties**

Physical State	Liquid	Odor	Petroleum solvent
Appearance	Clear	Odor Threshold	No information available
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	Not applicable	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	~40°C	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	~5.6%	None known
Lower flammability limit	~0.8%	None known
Vapor pressure	~2 mm Hg) at 20°C	None known
Vapor density	~4.9 at 101 kPa (Air = 1)	None known
Specific Gravity	~0.78 @ 15°C	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	No data available	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	Not explosive	
Oxidizing Properties	No data available	

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**

Reacts with strong oxidizers.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Flames, heat sources, and ignition sources.

Incompatible materials

Strong oxidizers.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	Inhalation may irritate nose, throat, and respiratory tract. Inhalation of high concentrations of vapors may cause central nervous system depression (e.g. dizziness, weakness, nausea, headaches, and/or unconsciousness).
Eye Contact	May cause temporary eye irritation.
Skin Contact	Repeated exposure may cause skin dryness or cracking.
Ingestion	Small amounts of liquid aspirated into lungs can cause chemical pneumonitis, which can be fatal.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated light 64742-47-8	>5 g/kg (Rat)	>2 g/kg (Rabbit)	>5.2 mg/L (Rat, 4 h)

Information on toxicological effects

Symptoms	Vapors may cause irritation to the nose, throat, and respiratory tract. Liquid may irritate eyes and skin. Inhalation of high concentrations of vapors may cause central nervous system depression (e.g. dizziness, weakness, nausea, headaches and/or unconsciousness).
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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	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	No information available.
Target Organ Effects	Respiratory system, central nervous system, eyes.
Aspiration Hazard	Risk of serious damage to the lungs by aspiration. May be harmful or fatal if swallowed.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document
No information available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

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

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION**DOT**

Not restricted in non-bulk containers less than 119 gallons.

TDG

Exempt from TDG regulations in containers less than 454 liters per TDG regulations, Part 1, Section 1.33.

ICAO

UN-No	UN1268
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1268,PETROLEUM DISTILLATES, N.O.S., 3, PG III

IATA

UN-No	UN1268
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1268,PETROLEUM DISTILLATES, N.O.S., 3, PG III

IMDG/IMO

UN-No	UN1268
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S.
Hazard Class	3
EMs No.	F-E, S-E
Packing Group	III
Description	UN1268,PETROLEUM DISTILLATES, N.O.S., 3,PG III

15. REGULATORY INFORMATION**Chemical Inventories**

TSCA All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.

DSL/NDSL All components are 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

U.S. 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	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances that are regulated 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.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any chemicals subject to state right-to-know regulations.

International Regulations**Canada****WHMIS Hazard Class**

B3 - Combustible liquid

D2A - Very toxic material



16. OTHER INFORMATION

NFPA Health Hazard 1 Flammability 2 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 1 Flammability 2 Physical Hazard 0 Personal Protection A

Prepared By

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

Revision Date

New

Revision Note

New

Reference

1010304/020300.016

General 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