



# SAFETY DATA SHEET

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

### Product identifier

**Product Name** Kingsford® Odorless Charcoal Lighter

### 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

|   |                  |                       |                   |
|---|------------------|-----------------------|-------------------|
| <b>Signal word</b>  | <b>Danger</b>    |                       |                   |
| <b>Hazard Statements</b>  |                  |                       |                   |
| May be fatal if swallowed and enters airways                                      |                  |                       |                   |
| Flammable liquid and vapor  |                  |                       |                   |
|  |                  |                       |                   |
| <b>Appearance</b>   | Clear, colorless | <b>Physical State</b> | Liquid            |
|   |                  | <b>Odor</b>           | 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 (CO<sub>2</sub>), 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 (CO<sub>2</sub>), 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,<br>hydrotreated light<br>64742-47-8 | TWA - 100 ppm <sup>b</sup><br><sup>b</sup> Based on TWA for Stoddard<br>solvent | TWA - 500 ppm <sup>d</sup><br><sup>d</sup> Based on TWA for Stoddard<br>solvent | IDLH <sup>e</sup> - 20000 mg/m <sup>3</sup><br>Ceiling <sup>e</sup> - 1800 mg/m <sup>3</sup> (15 min)<br>TWA <sup>e</sup> - 350 mg/m <sup>3</sup><br><sup>e</sup> Based on limits for Stoddard<br>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

|                       |           |                       |                          |
|-----------------------|-----------|-----------------------|--------------------------|
| <b>Physical State</b> | Liquid    | <b>Odor</b>           | Petroleum solvent        |
| <b>Appearance</b>     | Clear     | <b>Odor Threshold</b> | No information available |
| <b>Color</b>          | 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

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> | 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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | 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). |
| <b>Eye Contact</b>  | May cause temporary eye irritation.   |
| <b>Skin Contact</b> | Repeated exposure may cause skin dryness or cracking.   |
| <b>Ingestion</b>    | 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,<br>hydrotreated light<br>64742-47-8 | >5 g/kg (Rat) | >2 g/kg (Rabbit) | >5.2 mg/L (Rat, 4 h) |

### Information on toxicological effects

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | 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). |
|-----------------|--|

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

|                                 |  |
|---------------------------------|--|
| <b>Sensitization</b>            | No information available.  |
| <b>Mutagenic Effects</b>        | No information available.  |
| <b>Carcinogenicity</b>          | Contains no ingredient listed as a carcinogen.   |
| <b>Reproductive Toxicity</b>    | No information available.  |
| <b>STOT - single exposure</b>   | No information available.  |
| <b>STOT - repeated exposure</b> | No information available.  |
| <b>Chronic Toxicity</b>         | No information available.  |
| <b>Target Organ Effects</b>     | Respiratory system, central nervous system, eyes.  |
| <b>Aspiration Hazard</b>        | 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

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

### IATA

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

### IMDG/IMO

|                             |  |
|-----------------------------|--|
| <b>UN-No</b>                | UN1268   |
| <b>Proper Shipping Name</b> | PETROLEUM DISTILLATES, N.O.S.                  |
| <b>Hazard Class</b>         | 3  |
| <b>EMs No.</b>              | F-E, S-E                                       |
| <b>Packing Group</b>        | III  |
| <b>Description</b>          | 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**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire Hazard</b>                       | Yes |
| <b>Sudden Release of Pressure Hazard</b> | No  |
| <b>Reactive Hazard</b>                   | 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