



SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Charcoal Starter

BRAND NAMES: Royal Oak, Great Lakes, Grill Time, Nature-Glo, Ole Diz and private labels.

DATE: 08/03/2010

SUPERSEDES DATE: 01/02/2009

MANUFACTURER: ROYAL OAK ENTERPRISES, LLC.

ADDRESS: 1 Royal Oak Avenue
Roswell, GA 300076

MANUFACTURER PHONE: 678 461-3200

24/7 EMERGENCY PHONE: CHEMTREC. 800-424-9300

24/7 HEALTH EMERGENCIES: 323-222-3212

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	EINECS #	%
Petroleum distillates	64742-47-8	265-149-8	≤ 100

SECTION III - HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW: Product is a combustible liquid. Keep away from ignition sources. Contact with liquid may irritate the eyes, de-fat the skin and the respiratory tract with repeated or prolonged exposure. Avoid strong oxidizing agents, acids and bases.

POTENTIAL HEALTH EFFECTS:

ROUTES OF ENTRY: Eye contact, inhalation, skin contact, and ingestion.

TARGET ORGANS: Central nervous system and respiratory system.

INHALATION: Overexposure to mist may cause transitory upper respiratory irritation. Vapor is unlikely due to physical properties.

SKIN CONTACT: Product may cause de-fatting of the skin.

EYE CONTACT: Mists may cause irritation to the eyes.

INGESTION: Product may cause irritation of the gastro-intestinal tract, resulting in symptoms of cramps, vomiting, and diarrhea. Vomiting may cause aspiration of the lungs.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May cause upper respiratory irritation, and may aggravate pre-existing respiratory conditions, such as asthma and pre-existing skin disorders.

CARCINOGENICITY: Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

SECTION IV - FIRST AID MEASURES

INHALATION: Move to an area free from risk of further exposure, if needed give oxygen or administer artificial breathing. No adverse effects anticipated by this route of exposure incidental to proper handling.

EYE CONTACT: Flush with clean, lukewarm water raising upper and lower eyelids at low pressure for 15 minutes. Seek medical attention if no relief.

SKIN CONTACT: Wash affected areas with soap and water.

INGESTION: Do not induce vomiting. Never give anything to an unconscious person. Seek medical attention immediately. If vomiting occurs lower head to minimize entry into throat and lungs.

SECTION V - FIREFIGHTING MEASURES

FLASHPOINT AND METHOD: 102.9 to 104 °F (39.4 to 40°C) TCC

FLAMMABLE LIMITS: Lower explosive limit 0.8 and upper explosive limit 5.6 %

EXTINGUISHING METHOD: Use dry chemicals, carbon dioxide and foam.

FIRE OR EXPLOSION HAZARDS: This material under complete combustion will form oxides of carbon.

SPECIAL FIREFIGHTING PROCEDURES: Keep upwind of fire. Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.\

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Wear PPE. Contain the liquid and avoid breathing liquid mists. Absorb the liquid spill with an inert material, sweep and pick up to transfer to a container with non-sparking tools.

Finish cleaning the area with small amounts of soap and water on the spill area and absorb with inert materials and transfer to the above mentioned container.

SECTION VII - HANDLING AND STORAGE

STORAGE TEMPERATURE: Keep containers tightly closed and at room temperature.

SPECIAL SENSITIVITY: Accumulates static charges, minimize the effect by proper bonding and grounding.

HANDLING AND STORAGE PRECAUTIONS: Avoid breathing liquid mists. Avoid eye contact! Keep in cool dry area. Empty and nearly empty containers contain residual vapor that can be ignited from a source of ignition.

Provide a cool well-ventilated area. Use normal safety procedures and good personal hygiene. Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL Petroleum distillates 200 ppm

EYE PROTECTION: Use safety glasses or goggles if there is potential for exposure to mist which can cause injury to the eyes. Maintain eye wash and drench station near production area.

SKIN PROTECTION: Wear impervious clothing, rubber boots, hat and chemical-resistant gloves.

RESPIRATORY PROTECTION: In moist and misty atmospheres, use a respirator approved for mists.

ENGINEERING CONTROLS: Product is used outdoors, avoid breathing the burning fumes.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid

SOLUBILITY IN WATER: Negligible

COLOR: Clear

ODOR: Hydrocarbon

BOILING POINT: 299.84 to 322 °F (156 to 198 °C))

AUTOIGNITION TEMPERATURE: 500 to 636.8 °F (260 TO 336 °C))

SPECIFIC GRAVITY(water=1): 0.746 to 0.777 @ 60 °F (16 °C

EVAPORATION RATE (N-BUTYL ACETATE=1): 0.15 to 0.18

VAPOUR DENSITY (AIR=1): 4.5 to 4.9

VAPOUR PRESSURE: 2.03 to 6.18 torr @ 100 °F (38 °C)

SECTION X - REACTIVITY

STABILITY: This product is stable material under normal conditions of storage and handling.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBLES: Avoid contact with strong oxidizing agents, acids and bases.

DECOMPOSITION PRODUCTS: Product is combustible and the products of complete combustion are oxides of carbon.

SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION

Product is not toxic by definition.

The significant routes of exposure are inhalation, skin, eyes, and ingestion. Exposure may cause stomach pains, vomiting and diarrhea. Keep out of water-ways. Around 70% of the product will biodegrade in 28 days.

SECTION XII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material is liquid hydrocarbon, be aware that empty containers are dangerous due to the residual vapor. Rinse containers and dispose the containers. with recyclers according to the regulations of local, state and Federal regulatory agencies.

SECTION XIII - TRANSPORTATION INFORMATION

US DOT SHIPPING NAME: In containers less than 1.32 gallons (5 liters).

Not hazardous by ground shipment by 49 CFR Part 173.150(f)(2)

IATA SHIPPING NAME:

UN1268, Petroleum distillates, N.O.S., (Mineral spirits), 3, III

Cargo aircraft only: Use packing instruction 310

Limited quantity exception: Use packing instruction Y309.

The maximum package quantity 2.64 gallons (10 liters).

IMO SHIPPING NAME:

UN1268, Petroleum distillates, N.O.S., (Mineral spirits), 3, III

Limited quantity exception: Use packing instructions P001 & LP01.

The maximum capacity is 1.32 gallons (5 liters)

SECTION XIV - REGULATORY INFORMATION

OSHA STATUS: This product is hazardous under the OSHA criteria.

TSCA STATUS: Not listed.

CERCLA REPORTABLE QUANTITY: Not regulated under CERCLA.

CALIFORNIA PROPOSITION 65: Not regulated under California Proposition 65.

SARA HAZARD NOTIFICATION/REPORTING

IMMEDIATE Y **FIRE** Y **SUDDEN RELEASE OF PRESSURE** N

DELAYED N **REACTIVE** N

SARA TITLE III: None.

SECTION 302 EXTREMELY HAZARDOUS: None.

SECTION 311/312 HAZARD CATEGORIES: None.

SECTION 313 TOXIC CHEMICALS: None.

RCRA STATUS: Not regulated under RCRA

Right to Know; Petroleum distillates are listed in MN, NJ and RI.

SECTION XV – OTHER INFORMATION/APPROVALS

National Fire Protection Association (NFPA)
Hazardous Materials Identification System (HMIS)

NFPA

HMIS

MATERIAL SAFETY DATA SHEET**CHARCOAL STARTER**

		0 Least		
2	Health	1 Slight	2	Health
2	Flammability	2 Moderate	2	Flammability
1	Instability	3 High	1	Reactivity
		4 Severe	H	PPE

SECTION XVI – ABBREVIATIONS /DISCLAIMER
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REASON FOR ISSUE: New 16 section format**APPROVAL DATE:** 08/05/2010**PREPARED BY:** Dennis Belau**REVIEWED BY:** Regulatory divisionDBelau@comcast.net

Abbreviations:

AICS	Australian Inventory of Chemical Substances
CAS #	Chemical Abstract Service Number
°C	Celsius temperature scale
CI	China
DSL	Canada
ECL	Korean Existing Chemicals List
EEC	European Economic Commission
ENCS	Japanese Existing and New Chemical List
EINECS #	European Inventory of Existing Chemical Substances Number
EU	European Union °F
(Israel)	2001 proposed list of chemical substances to be regulated under Israel Hazardous Substances Law and Regulations List
MAC	Netherlands
MAK	Germany
MITI	Ministry of International trade and Industry
NA	Not applicable
MITI	Japan
ND	Not determined
NE	None established
PICCS	Philippines
PPE	Personal Protective Equipment
Prop.	Proprietary
SWISS	Giftliste 1
SWISS	inventory of Notified New Substances
TSCA	Toxic Substance Control Act
(Taiwan)	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086
UK	United Kingdom
USA	United States

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