



SAFETY DATA SHEET

Revised on 06/10/2015

Section 1: IDENTIFICATION

Product identifier:

Product name: Royal Stuff

Others means of identification:

Product code: 106090-94

Recommended use: For industrial use only.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company name: Pioneer Brite, Inc.

Address: 1381 Heistan Place
Memphis, TN 38104

Telephone: 1-800-783-7320

E-mail: info@pioneerbrite.com

Website: www.pioneerbrite.com

Emergency telephone number

For emergencies in the U.S., call Infotrac at 1-800-535-5053

For emergencies outside U.S., call Infotrac Collect at 01-352-323-3500 (account #77500)

Section 2: HAZARD(S) IDENTIFICATION





Classification of the substance or mixture

In accordance with 29 CFR paragraph (d) of §1910.1200

Flammable liquid	(Category 1)
Germ cell mutagenicity	(Category 1B)
Skin corrosion/irritation	(Category 2)
Serious eye damage/irritation	(Category 2)
Carcinogenicity	(Category 1A)
Specific target organ toxicity (repeated exposure)	(Category 1)

Label elements:

Signal word: Danger

GHS Pictograms	Hazard Statements	Precautionary Statements
   	<p>H226: Flammable liquid and vapor</p> <p>H304: May be fatal if swallowed and enters airways</p> <p>H315: Causes skin irritation</p> <p>H317: May cause allergic skin reaction</p> <p>H319: Causes serious eye irritation</p> <p>H331: Toxic if inhaled</p> <p>H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled</p> <p>H335: May cause respiratory irritation</p> <p>H340: May cause genetic defects</p> <p>H350: May cause cancer</p> <p>H372: Causes damage to organs through repeated exposure</p> <p>H411: Toxic to aquatic life with long lasting effects</p>	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P210: Keep away from heat, sparks, open flames, hot surfaces. No smoking.</p> <p>P233: Keep container tightly closed.</p> <p>P240: Ground/bond container and receiving equipment.</p> <p>P241: Use explosion-proof electrical, ventilating, and lighting equipment.</p> <p>P242: Use only non-sparking tools.</p> <p>P243: Take precautionary measures against static discharge.</p> <p>P260: Do not breathe vapors, mist, or spray.</p> <p>P264: Wash hands, forearms, and other exposed areas thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</p> <p>P280: Wear eye protection, protective clothing, protective gloves.</p> <p>P303+P361+P353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P308+P313: If exposed or concerned: Get medical advice/attention.</p> <p>P314: Get medical advice/attention if you feel unwell.</p> <p>P370+P378: In case of fire: Use appropriate media (see section 5) to extinguish.</p> <p>P403+P235: Store in a well-ventilated place. Keep cool.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents/container in accordance with Federal, state, and local regulations.</p>

Additional Hazards:
Unknown Acute Toxicity:

Exposure may aggravate pre-existing eye, skin or respiratory conditions
No data available

Section 3: COMPOSITION/INFORMATION OF INGREDIENTS

Mixtures

<u>Chemical name</u>	<u>CAS #</u>	<u>% by weight</u>
Naphtha(petroleum), hydrotreated heavy	64742-48-9	< 70%
d-Limonene	5958-27-5	< 28%
Isopropylamine dodecylbenzene sulfonate	68584-24-7	< 10%

Section 4: FIRST AID MEASURES

Description of first aid measures

General Information: This product is harmful if swallowed. This product causes severe skin burns and eye damage/irritation. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, and face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Eye Contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses, if present and easy to do, after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Skin Contact: Remove clothing immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.

Inhalation: Move person to fresh air. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

Ingestion: Do NOT induce vomiting. Seek medical advice/attention immediately.

Most important symptoms and effects, both acute and delayed

Harmful if inhaled, skin irritation, eye irritation, allergic reactions, blood damage, eye damage

Indication of immediate medical attention and special treatment needed

Treat symptomatically

Section 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Water fog, foam, dry chemical, carbon dioxide

Unsuitable extinguishing media: No data available

Special hazards arising from the substance or mixture

Vapor/air mixtures are explosive. Vapors or gases may ignite at distant ignition sources and flash back. Mists or sprays may be flammable at temperatures below the flash point. Contact with heat may generate toxic and/or flammable gases. Sealed containers may rupture or explode if exposed to heat.

Advice for firefighters

Special hazards: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode

Additional information: Cool endangered receptacles with water spray. Collect contaminated fire-fighting water separately. It must not enter

the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak. Refer to protective measures listed in Section 7 and Section 8.

Environmental precautions

Prevent further leakage or spillage. Keep away from drains, surface and ground water, and soil. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers, surface or ground water. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Methods and material for containment and cleaning up

Stop leak if possible without personal risk. Do not touch or walk through spilled material. Ventilate the area. For small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. For large spills: Completely contain spilled material with dikes, sandbags, etc. Collect spilled material in appropriate container for disposal.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Use personal protection equipment as mentioned under "exposure controls/personal protection." Keep away from heat, sparks, and flame. Protect against electrostatic changes. Open container slowly to release pressure caused by temperature variations. Do not allow this material to come in contact with eyes. Avoid prolonged contact with skin. Use in well-ventilated areas. Do not breathe vapors. As with any chemical, users should thoroughly wash hands with soap and water after handling this material.

Conditions for safe storage, including any incompatibilities

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place and do not expose to excessive heat (100°F) or cold (50°F) temperatures. Keep containers tightly closed. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a well-ventilated place. Store away from incompatible materials. Keep in an area equipped with sprinklers.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

Use with adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

Components	OSHA Time Weighted Average (TWA)
Naphtha(Petroleum), hydrotreated heavy (CAS #64742-48-9)	0.2 mg/m ³ TWA

Exposure parameters

General protective and hygienic measures: Use personal protective equipment. Keep away from food products, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash

Eye/Face protection:	hands before breaks and after handling the product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Use goggles or face shield, rubber gloves and protective clothing.
Skin protection:	Preventative skin protection by use of skin-protection agents is recommended. Use protective gloves. Material of gloves: The selection of suitable gloves does not only depend on the material, but also on further marks of quality. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has to be checked prior to the application.
Respiratory protection:	If vapors are present or irritation is experienced, NIOSH-approved respiratory protection for ammonia vapors should be worn.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear, slightly yellow liquid
Color:	Clear, slightly yellow
Odor:	Mild citrus odor
Odor threshold:	No data available
Physical state:	Liquid
pH:	No data available
Boiling point:	354-372°F
Melting point:	No data available
Specific gravity:	0.79265 ± 0.005
Flash point:	122°F
Evaporation rate:	Less than 0.1
Flammability (with limits):	Upper limit – 5.4; Lower limit – 0.7
Vapor pressure:	1.0 at 68°F; 3.0 at 100°F
Vapor density:	No data available
Relative density:	No data available
Solubility:	Insoluble
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	Water thin
Partition coefficient:	No data available

Other information

No other pertinent information available

Section 10: STABILITY AND REACTIVITY

Reactivity:	Non-reactive
Chemical stability:	Stable
Possibility of hazardous reactions:	No hazardous reactions under normal conditions
Conditions to avoid:	Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.
Incompatible materials:	Acids, alkalis, oxidizing materials, reducing agents
Hazardous decomposition products:	Does not decompose at ambient temperature

Section 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute effects:	Harmful if inhaled, skin irritation, eye irritation, allergic reactions, blood damage, eye damage
Chronic effects:	Allergic reactions, mutagenic effects, reproductive effects, blood damage, eye damage, respiratory system damage, liver damage, nervous system damage, skin cancer, lung cancer, blood cancers, nasal cancer
Germ Cell Mutagenicity:	Available data characterizes this product as mutagenic
Carcinogenicity:	Naptha(Petroleum), Hydrotreated Heavy (CAS #64742-48-9) ACGIH: A1 - Confirmed Human Carcinogen; NIOSH: potential occupational carcinogen
Specific Target Organ Toxicity – Repeated Exposure:	Blood, eyes, respiratory system, liver, nervous system

Symptoms related to the physical, chemical and toxicological characteristics

Skin and eye irritation, allergic reaction if inhaled

Information on likely routes of exposure

Eye contact:	Causes eye irritation and redness
Skin contact:	Causes skin irritation, redness and possible allergic reactions
Ingestion:	May be fatal if ingested
Inhalation:	Toxic if inhaled

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Toxic to aquatic marine
Persistence and degradability:	Estimated to have a low rate of biodegradation
Bioaccumulative potential:	Similar products were shown to bioaccumulate in aquatic organisms
Mobility in soil:	No data available
Other adverse effects:	No data available

Section 13: DISPOSAL CONSIDERATIONS

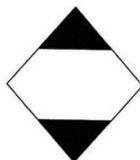
Disposal instructions:

Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

Section 14: TRANSPORT INFORMATION

DOT

UN number:	UN1268
UN proper shipping name:	Petroleum Distillates, N.O.S.
Transport hazard class(es)	



Class:	3
Packing group:	III
Environmental hazards:	Toxic to freshwater and saltwater marine organisms
Special precautions for user:	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number: UN1268
UN proper shipping name: Petroleum Distillates, N.O.S.
Transport hazard class(es)



Class: 3
Packing group: III
Environmental hazards: Toxic to freshwater and saltwater marine organisms
Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

The Safety Data Sheet complies with the requirements of 29 CFR Regulation.

Section 16: OTHER INFORMATION

Issue date: 06/10/2015
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NFPA ratings: Health – 1 Flammability – 2 Reactivity – 0
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