

# Safety Data Sheet

## Torch Fluid



### Section 1. Identification

Product Identifier	Torch Fluid
Synonyms	GKE83; GKP85; GKP85WS; E08331; EKP85; CKE83; Q0116; CKE83M; Kerosene
Manufacturer Stock Numbers	N/A
Recommended use	Product is intended for professional Special Effects use only.
Uses advised against	Use of this material is at the sole risk of the purchaser. This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and Hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.
Manufacturer Contact Address	Roger George Rentals 14525 Bessemer St Van Nuys, CA, 91411 USA
Phone	(818) 994-3049
Emergency Phone	(800) 535-5053 #85740
Fax	(818) 994-9432

### Section 2. Hazards Identification

Classification	ASPIRATION HAZARD - Category 1 EYE DAMAGE/IRRITATION - Category 2B FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3 TOXIC TO REPRODUCTION - Category 2
Signal Word	Danger
Pictogram	

Hazard Statements	<p>Causes eye irritation  Causes skin irritation  Flammable liquid and vapor  May be fatal if swallowed and enters airways  May cause damage to cardio vascular system and central nervous system through prolonged or repeated exposure.  May cause respiratory irritation. May cause drowsiness or dizziness.  Suspected of damaging fertility or the unborn child if inhaled.</p>
Precautionary Statements Response	<p>Call a poison center/doctor if you feel unwell.  Do NOT induce vomiting.  Get medical advice/attention if you feel unwell.  If exposed or concerned: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  If inhaled: Remove person to fresh air and keep comfortable for breathing.  If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  If on skin: Wash with plenty of water/ ...  If skin irritation occurs get medical advice/attention.  If skin irritation occurs: Get medical advice/attention.  If swallowed: Immediately call a poison center or doctor/physician.  In case of fire: Use dry chemical powder to extinguish.  Take off contaminated clothing and wash it before reuse.</p>
Prevention	<p>Do not breathe dust/fume/gas/mist/ vapors/spray.  Do not handle until all safety precautions have been read and understood.  Ground/bond container and receiving equipment.  Keep away from heat.  Keep container tightly closed.  Keep cool  Obtain special instructions before use.  Take precautionary measures against static discharge.  Use explosion-proof electrical/ventilating/lighting/equipment.  Use only non-sparking tools.  Use only outdoors or in a well-ventilated area.  Use personal protective equipment as required.  Wash ...thoroughly after handling.  Wear protective gloves/eye protection/protective clothing/face protection.</p>
Storage	<p>Store in a well-ventilated place. Keep container tightly closed.  Store locked up.</p>
Disposal	<p>Dispose of contents/container according to local, state and federal regulations.</p>
Ingredients of unknown toxicity	<p>0%</p>
Hazards not Otherwise Classified	
Additional Information	<p>This material is classified as hazardous under OSHA regulations.</p>

<b>Section 3. Ingredients</b>
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CAS	Ingredient Name	Weight %
25551-13-7	Benzene, trimethyl-	1.5% - Max

25550-14-5	Benzene, ethylmethyl-	1.5% - Max
1330-20-7	Benzene, dimethyl-	1% - Max
103-65-1	Benzene, propyl-	1% - Max
95-63-6	Benzene, 1,2,4-trimethyl-	1% - Max
8052-41-3	Stoddard solvent	100% - Max
64742-47-8	Distillates, petroleum, hydrotreated light	100% - Max
64742-82-1	Naphtha, petroleum, hydrodesulfurized heavy	100% - Max

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

Inhalation	If user experiences breathing difficulty, move to air free of vapors, Administer oxygen or artificial medical assistance can be rendered. Inhalation: Inhalation overexposure can produce toxic effects. Monitor for respiratory distress. If cough or difficulty in breathing develops, evaluate for upper respiratory tract inflammation, bronchitis, and pneumonitis. Administer supplemental oxygen with assisted ventilation as required.
Skin	Wash with soap and water. Get medical attention if irritation develops or persists.
Eye	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Ingestion	Do not induce vomiting. Call your local poison control center, hospital emergency room or physician immediately for instructions to induce vomiting. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down. Never give anything by mouth to a person who is not fully conscious. Do not leave victim unattended. Seek medical attention immediately. If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use carbon dioxide, dry powder, or alcohol resistant foam.
Unsuitable Extinguishing Media	N/A
NFPA Class	II
Flash Pt.	>100.0 F
Explosive Limits	LEL: 0.5 UEL: 6
Advice for Fire Fighters	Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined area. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.
Hazards	Combustible liquid.

## Section 6. Accidental Release Measures

Clean-up	Clean up spills immediately, observing precautions in Protective Equipment section. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut
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Small Spills off ignition sources; keep flares, smoking or flames out of hazard area.  
 Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large Spills Dike far ahead of spill for later disposal.

## Section 7. Handling and Storage

**Handling** Since empty containers retains residue, follow all label warnings even after containers is empty. Dispose of empty container according to all regulations. Do not reuse this container. A static electrical charge can accumulate when this material is flowing through pipes, nozzles or filters, and when it is agitated. A static spark discharge can ignite accumulated vapors particularly during dry weather conditions. Always use proper bonding and grounding procedures. Always use proper bonding and grounding procedures. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom.

**Storage** Keep container tightly closed and sealed until ready for use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV OSHA PEL STEL		
	Benzene, trimethyl-	N/A	25 PPM	N/A
	Benzene, ethylmethyl-	200 PPM	N/A	N/A
	Benzene, dimethyl-	100 PPM	100 PPM	150 PPM
	Benzene, propyl-	50 PPM	50 PPM	N/A
	Benzene, 1,2,4-trimethyl-	N/A	N/A	N/A
	Stoddard solvent	100 PPM	500 PPM	N/A
	Distillates, petroleum, hydrotreated light	20 mg/m3	N/A	N/A

Naphtha, petroleum, hydrodesulfurized heavy 20 mg/m3 N/A N/A

**Personal Protective Equipment** Goggles, Gloves, Face Shield, Respirator

**Respirators** For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV. A dust mask does not provide protection against vapors.

**Eyes** Safety glasses, goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

**Eye** Contact lenses should not be worn while working with chemicals.

**Skin** Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

**Clothing** Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

**Engineering controls** Provide adequate ventilation. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and

move to fresh air. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Water white
Odor	Free and Clear
Odor Threshold	N/A
Solubility	slight sol. in cold water
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.78
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	318.0 F - 385.0 F
Boiling Range	N/A
LEL	0.5
UEL	6
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	5

## Section 10. Stability and Reactivity

Stability	Stable under normal temperatures and pressures.
Incompatibilities with Other Materials	Incompatible with strong acids, alkalis, and oxidizers such as liquid chlorine and oxygen.
Hazardous Decomposition	Decomposition products may include but are not limited to: oxides of carbon when heated to decomposition.

## Section 11. Toxicological Information

General	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
CAS# 25551-13-7	Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, 24 H, Moderate. Result: Kidney, Ureter, Bladder: Changes in liver weight. Endocrine: Changes in thymus weight. Immunological Including Allergic: Decreased immune response.

- "Sbornik Vysledku Toxilogickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,24, 1972

Standard Draize Test, Eyes, Species: Rabbit, 500.0 MG, 24 H, Mild.  
Result: Kidney, Ureter, Bladder: Changes in liver weight. Kidney, Ureter, Bladder: Changes in bladder weight. Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

- "Sbornik Vysledku Toxilogickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho Prumyclu Praha Czechoslovakia, Vol/p/yr: -,24, 1972

CAS# 1330-20-7

Acute toxicity, LC50, Inhalation, Rat, 5000. PPM, 4 H.

Result: Behavioral: Muscle contraction or spasticity. Lungs, Thorax, or Respiration:Other changes.

- Raw Material Data Handbook, Vol.1: Organic Solvents, 1974., National Assoc. of Printing Ink Research Institute, Francis McDonald Sinclair Memorial Labor, Lehigh Univ., Bethlehem, PA 18015, Vol/p/yr: 1,123, 1974

Standard Draize Test, Eyes, Species: Rabbit, 5.000 MG, 24 H, Severe.  
Result: Behavioral: General anesthetic. Behavioral: Somnolence (general depressed activity). Behavioral: Irritability.

- "Sbornik Vysledku Toxilogickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,24, 1972

Teratogenicity : Suspected of damaging the unborn child if inhaled.

IARC: 3 / ACGIH: A4

CAS# 64742-47-8

ACGIH: A4

## Section 12. Ecological Information

No Data Available

## Section 13. Disposal

Compliance

ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES. EPA CHARACTERISTIC: D001

## Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name Exempt Combustible Liquid per 49CFR 173.150(f)

DOT Classification N/A

Packing Group N/A

Additional Information The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

## Section 15. Regulatory Information

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CAS#1330-20-7	Xylene (mixed isomers). S. 304 RQ = 100 LB. S. 313 (TRI) - Yes.
CAS#95-63-6	1,2,4-Trimethylbenzene: S. 313 (TRI) - Yes.
SARA 311/312 Hazards	Fire hazard, acute hazard, chronic health hazard.

## **Section 16. Other Information**

Revision Date 10/14/2019

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**Additional Information** Ingredients vary due to variability with petroleum distillates and/or raw material suppliers