

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 10/18/2016

Revision: 10/18/2016

1 Identification

· **Product identifier**

· **Trade name:** Clenzoil® Field & Range™ Solution

· **Product code:**

#2007 (8 Ounce)	#2847 (Three Gun Kit Blk)	#2311 (Cobra 40 Cal)
#2014 (Patch Kit)	#2854 (Three Gun Kit Tan)	#2151 (Cobra 38 Cal)
#2038 (1 Gallon)	#2236 (Tactical Kit Blk)	#2267 (Cobra 338 Cal)
#2052 (Pump Sprayer)	#2601 (Tactical Kit Tan)	#2168 (Cobra 30 Cal)
#2069 (5 Gallon)	#2328 (Pistol Kit Blk)	#2205 (Cobra 27/28 Cal)
#2243 (Saturated Wipes)	#2076 (Pistol Kit Tan)	#2137 (Cobra 26 Cal)
#2618 (Needle Oiler)	#2335 (Rifle Kit Blk)	#2175 (Cobra 243 Cal)
#2724 (Trigger Sprayer)	#2830 (Rifle Kit Tan)	#2250 (Cobra 22 Cal)
#2410 (Range Bag Blk)	#2465 (Shotgun Kit Blk)	#2199 (Cobra 17 Cal)
#2366 (Range Bag Tan)	#2694 (Shotgun Kit Tan)	#2298 (Cobra 12 Gauge)
#2229 (Universal Kit Blk)	#2120 (Cobra 50 Cal)	#2304 (Cobra 20 Gauge)
#2274 (Universal Kit Tan)	#2144 (Cobra 44/45 Cal)	#2113 (Cobra 28 Gauge)

· **Recommended use and restriction on use**

· **Recommended use:** Firearms Maintenance

· **Restrictions on use:** No relevant information available.

· **Details of the supplier of the Safety Data Sheet**

· **Manufacturer/Supplier:**

Clenzoil Unlimited
1430 Hobbs St.
Tampa, FL 33619
(813) 662-6454
info@clenzoil.com

· **Emergency telephone number:** (813) 662-6454

2 Hazard(s) identification

· **Classification of the substance or mixture**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

· **Label elements**

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS07 GHS08

· **Signal word:** Danger

· **Hazard statements:**

H315 Causes skin irritation.

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- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H336 May cause drowsiness or dizziness.
- H304 May be fatal if swallowed and enters airways.

Precautionary statements:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing mist, vapors, or spray.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves and eye protection.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P331 Do NOT induce vomiting.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P405 Store locked up.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Components:

64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic (Nota L, -R45, <3% dimethyl sulfoxide)	50-60%
	Asp. Tox. 1, H304	
9005-90-7	Turpentine	5-15%
	Flam. Liq. 3, H226	
	Asp. Tox. 1, H304	
	Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
	TS-1	20-30%

Additional information:

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret. Some items on this SDS may be designated as trade secrets (TS). Bona fide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13

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For the wording of the listed Hazard Statements refer to section 16.

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4 First-aid measures

- **Description of first aid measures**

- **After inhalation:**

Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.
In case of irregular breathing or respiratory arrest provide artificial respiration.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.
If skin irritation or rash occurs: Get medical advice/attention.

- **After eye contact:**

Remove contact lenses if worn, if possible.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.

- **Most important symptoms and effects, both acute and delayed:**

Headache
Breathing difficulty
Coughing
Dizziness
Allergic reactions
Irritant to skin and mucous membranes.
Irritant to eyes.
Nausea in case of ingestion.
Gastric or intestinal disorders when ingested.
Vomiting.

- **Danger:**

May be harmful if swallowed.
May be harmful if inhaled.

- **Indication of any immediate medical attention and special treatment needed:**

Medical supervision for at least 48 hours.
Contains Turpentine. May produce an allergic reaction.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

Water fog / haze
Foam
Carbon dioxide
Fire-extinguishing powder

- **For safety reasons unsuitable extinguishing agents:** Water spray

- **Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device. Wear fully protective suit.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Use personal protective equipment as required.
Particular danger of slipping on leaked/spilled product.

- **Environmental precautions**

Do not allow to enter sewers/ surface or ground water.
Prevent from spreading (e.g. by damming-in or oil barriers).
Inform respective authorities in case of seepage into water course or sewage system.

- **Methods and material for containment and cleaning up**

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**

See Section 7 for information on safe handling, Section 8 for information on personal protection equipment and Section 13 for disposal information.

7 Handling and storage

- **Handling**

- **Precautions for safe handling:**

Use only in well ventilated areas. Avoid contact with the eyes and skin.
Open and handle receptacle with care. Avoid splashes or spray in enclosed areas.
Keep out of reach of children. Avoid breathing mist, vapors, or spray.

- **Information about protection against explosions and fires:**

Keep respiratory protective device available.

- **Conditions for safe storage, including any incompatibilities**

- **Requirements to be met by storerooms and receptacles:**

Avoid storage near extreme heat, ignition sources or open flame.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.
Store away from oxidizing agents.

- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace: TS-1**

PEL(USA)	Long-term value: 100 ppm Ceiling limit value: 200; 300* ppm *5-min peak in any 2 hrs	EL (Canada)	Short-term value: 25 ppm Long-term value: 10 ppm ACGIH A2, IARC 1
REL (USA)	See Pocket Guide Apps. A and C	EV (Canada)	Short-term value: 25 ppm Long-term value: 10 ppm
TLV (USA)	Short-term value: 135 mg/m ³ , 25 ppm Long-term value: 54 mg/m ³ , 10 ppm BEI	LMPE (Mexico)	Short-term value: 25 ppm Long-term value: 10 ppm A2, IBE

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· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

· **Engineering controls:** Use only outdoors or in a well-ventilated area.

· **Breathing equipment:**

Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment**

Avoid release to the environment.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **Appearance:**

· **Form:** Liquid

· **Color:** Green

· **Odor:** Petroleum-like

· **Odor threshold:** Not determined.

· **pH-value:** Neutral

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** Not determined.

· **Flash point:** 170 °C (338 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

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· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Oxidizing properties:	Not determined.
· Vapor pressure:	Not determined.
· Density:	
Relative density:	0.98757 g/ml
Vapor density:	Not determined.
Evaporation rate:	Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity	
Dynamic:	Not determined.
Kinematic:	9 cSt @ 40 °C (5.3 cSt @ 100 °C)
· Other information	No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition, do not overheat.
- **Possibility of hazardous reactions**
 - Contact with strong acids releases hydrogen chloride.
 - Reacts with strong oxidizing agents.
 - Reacts with strong alkali.
 - Reacts with peroxides and other radical forming substances.
 - Reacts with powdered metals.
- **Conditions to avoid** Excessive heat and contact with acids.
- **Incompatible materials** Oxidizers, strong bases, strong acids
- **Hazardous decomposition products**
 - Carbon monoxide and carbon dioxide
 - Chlorine compounds

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11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

TS-1

Oral LD50 2402 mg/kg (mouse)

Dermal LD50 8450 mg/kg (mouse)

· **Primary irritant effect:**

· **On the skin:** Irritant to skin and mucous membranes.

· **On the eye:** Irritating effect.

· **Sensitization:** Sensitization possible through skin contact.

· **IARC (International Agency for Research on Cancer):** None

· **NTP (National Toxicology Program):** None

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

Ingestion.

Inhalation.

Eye contact.

Skin contact.

· **Acute effects (acute toxicity, irritation and corrosivity):** Vapors have narcotic effect.

· **Repeated dose toxicity:** Repeated exposure may result in skin sensitivity.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** May cause drowsiness or dizziness.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity** Harmful to aquatic life with long lasting effects.

· **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.

· **Bioaccumulative potential:** No relevant information available.

· **Mobility in soil:** No relevant information available.

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- **Ecotoxicological effects:**
- **Remark:** Due to mechanical actions of the product (e.g. agglutinations), damages may occur.
- **Additional ecological information**
- **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Due to the consistence and the low watersolubility of the product a bioavailability is not probable.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Contact waste processors for recycling information.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number
· DOT, ADR, IMDG, IATA | Not regulated. |
| · UN proper shipping name
· DOT, ADR, IMDG, IATA | Not regulated. |
| · Transport hazard class(es)
· DOT, ADR, IMDG, IATA
· Class | Not regulated. |
| · Packing group
· DOT, ADR, IMDG, IATA | Not regulated. |
| · Environmental hazards
· Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

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15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act)**

All ingredients are listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

· **Canadian Domestic Substances List (DSL):**

All ingredients are listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision** 10/18/2016 / -

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· Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
LDLo: Lowest Lethal Dose Observed
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1

· Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor_internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers