

SAFETY DATASHEET

Issuing Date 01-Jun-2015

Revision Date 01-Jun-2015

Revision Number 4



The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publically available regulatory data sources. UL makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability in connection with the use of this information or the substance described in this SDS. The layout, appearance and format of this SDS is © 2014 UL LLC. All rights reserved.

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

Product identifier 4123I
Product Name Champion Engine Degreaser
Recommended Use Engine Degreaser -Aerosol

Details of the supplier of the safety datasheet

Supplier Name Champion Brands LLC
Supplier Address 1001 Golden Drive, Clinton, MO 64735
Supplier Phone Number Phone: 1-800-821-5693
Emergency telephonenumber 1-800-535-5053
Company Emergency Phone Number CHEMTREC: (+ 1) 800-424-9300

2. HAZARD IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).


Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 2



FlammableAerosols

Category2

GHS Label elements, including precautionarystatements

EmergencyOverview		
Signalword HazardStatements Causes skin irritation Causes serious eye damage Suspected of causing cancer Flammable aerosol	Danger 	Appearance White Physicalstate LiquidsprayAerosol Odor Naphthalenic

Precautionary Statements -Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood Use personal protective equipment as required
 Wash face, hands and any exposed skin thoroughly after handling Keep away from heat/sparks/open flames/hot surfaces. -
 No smoking Pressurized container: Do not pierce or burn, even after use
 Do not spray on an open flame or other ignition source

Precautionary Statements -Response

IF exposed or concerned: Get medical advice/attention
 Specific treatment (see supplemental first aid instructions on this label)

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing Immediately call a POISON CENTER or doctor/physician

Skin

IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse

Precautionary Statements -Storage

Store locked up
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Precautionary Statements -Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified(HNOC)

Not applicable



Unknown Toxicity

13.75% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Toxic to aquatic life with long lasting effects

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects.

3.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Naphtha (petroleum), heavy aromatic	64742-94-5	10 -30
Dipropylene glycol monomethylether	34590-94-8	10 -30
Oleic acid	112-80-1	10 -30
Propane	74-98-6	3 -7
Butane	106-97-8	3 -7
Potassium hydroxide	1310-58-3	1 -5
Triethanolamine	102-71-6	1 -5
Diethanolamine	111-42-2	0.1 -1

4.FIRST AID MEASURES

First aid measures**General Advice**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Seek immediate medical attention/advice.

Skin contact

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8). Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Burningsensation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treatsymptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

Specific hazards arising from the chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.

Uniform Fire Code

Irritant: Liquid
Aerosols: Level III

Explosion Data

Sensitivity to Mechanical Impact Yes.

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.ACCIDENTALRELEASEMEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges.

Other Information Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Refer to protective measures listed in Sections 7 and 8. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7.HANDLINGANDSTORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Use only with adequate ventilation and in closed systems. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Do not stick pin or any other sharp object into opening on top of can.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products Strong acids. Strong oxidizing agents. Strong bases.

8.EXPOSURECONTROLS/PERSONALPROTECTION



Controlparameters**ExposureGuidelines**

ChemicalName	ACGIHTLV	OSHAPEL	NIOSHIDLH
Dipropylene glycol monomethylether34590-94-8	STEL: 150ppm TWA: 100ppm S*	TWA: 100ppm TWA: 600mg/m ³ (vacated) TWA: 100ppm(vacated) TWA: 600mg/m ³ (vacated) STEL: 150ppm(vacated) STEL: 900mg/m ³ (vacated)S*	IDLH: 600ppm TWA: 100ppm TWA: 600mg/m ³ STEL: 150ppm STEL: 900mg/m ³
Propane 74-98-6	TWA: 1000ppm	TWA: 1000ppm TWA: 1800mg/m ³	IDLH: 2100ppm TWA: 1000ppm TWA: 1800mg/m ³
Butane10 6-97-8	STEL: 1000ppm	(vacated) TWA: 800ppm(vacated) TWA:	TWA: 800ppm TWA: 1900mg/m ³
Potassiumhydroxide 1310-58-3	Ceiling: 2mg/m ³	(vacated) Ceiling: 2mg/m ³	Ceiling: 2mg/m ³
Triethanolamine 102-71-6	TWA: 5mg/m ³	-	
Diethanolamine 111-42-2	TWA: 1 mg/m ³ inhalablefractionandvapor S*	(vacated) TWA: 3ppm(vacated) TWA: 15mg/m ³	TWA: 3ppm TWA: 15mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other ExposureGuidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d962(11th Cir., 1992) See section 15 for national exposure controlparameters

Appropriate engineeringcontrols**EngineeringMeasures**

ShowersEye
washstations
Ventilationsystems

Individual protection measures, such as personal protectiveequipment**Eye/faceprotection**

Tight sealing safetygoggles.

Skin and bodyprotection

Wear protective gloves and protective clothing. Long sleeved clothing. Imperviousgloves. Chemical resistant apron. Antistaticboots.

Respiratoryprotection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHAapproved respiratory protection should be worn. Positive-pressure supplied air respirators mayberequired for high airborne contaminant concentrations. Respiratory protection mustbeprovided in accordance with current localregulations.

HygieneMeasures

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.Do not eat, drink or smoke when using this product. Wash hands before breaksandimmediately after handling the product. Contaminated work clothing should not beallowedout of the workplace. Regular cleaning of equipment, work area and clothingisrecommended.

9.PHYSICALANDCHEMICALPROPERTIES**Physical and ChemicalProperties**

Physicalstate	Liquid spray,Aerosol	Odor	Naphthalenic
Appearance	White	OdorThreshold	No informationavailable
Color	No informationavailable		

<u>Property</u>	<u>Values</u>	<u>RemarksMethod</u>
pH	UNKNOWN	Noneknown
Melting / freezingpoint	No dataavailable	Noneknown
Boiling point / boilingrange	No dataavailable	Noneknown
FlashPoint	No dataavailable	Noneknown
EvaporationRate	No dataavailable	Noneknown
Flammability (solid,gas)	No dataavailable	Noneknown
Flammability Limit inAir		
Upper flammabilitylimit	No dataavailable	
Lower flammabilitylimit	No dataavailable	
Vaporpressure	No dataavailable	Noneknown
Vapordensity	No dataavailable	Noneknown
SpecificGravity	1.01	Noneknown
WaterSolubility	Soluble inwater	Noneknown
Solubility in othersolvents	No	Noneknown
dataavailablePartition coefficient: n-octanol/water	No	Noneknown
dataavailableAutoignitiontemperature	No	Noneknown
dataavailableDecompositiontemperature	No	Noneknown
dataavailableKinematicviscosity	No dataavailable	Noneknown
Dynamicviscosity	No dataavailable	Noneknown
Explosiveproperties	No dataavailable	
Oxidizingproperties	No dataavailable	

OtherInformation

SofteningPoint	No dataavailable
VOC Content(%)	No dataavailable
ParticleSize	No dataavailable
Particle SizeDistribution	

10.STABILITYANDREACTIVITY

Reactivity

No dataavailable.

Chemicalstability

Stable under recommended storageconditions.

Possibility of HazardousReactions

None under normalprocessing.

Conditions toavoidHeat,

flames

andsparks.**Incompatible**

materials

Strong acids. Strong oxidizing agents. Strongbases.

Hazardous DecompositionProducts

None known based on informationsupplied.

11.TOXICOLOGICALINFORMATION

Information on likely routes ofexposure

ProductInformation



Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eyecontact	Specific test data for the substance or mixture is not available. (based on components). Causes serious eye damage. Severely irritating to eyes. May cause irreversible damage to eyes.
Skincontact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Naphtha (petroleum), heavy aromatic 64742-94-5	> 5000 mg/kg (Rat)	> 2 mL/kg (Rabbit)	> 590 mg/m ³ (Rat) 4h
Dipropylene glycol monomethyl ether 34590-94-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Oleic acid 112-80-1	> 5000 mg/kg (Rat)	-	-
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4h
Butane 6-97-8	-	-	= 658 g/m ³ (Rat) 4h
Potassium hydroxide 1310-58-3	= 214 mg/kg (Rat)	-	-
Triethanolamine 102-71-6	= 4190 mg/kg (Rat)	> 20 mL/kg (Rabbit)	-

Information on toxicological effects

Symptoms Erythema (skin redness). May cause redness and tearing of the eyes. May cause blindness. Burning.

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

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6		Group 3		
Diethanolamine 111-42-2	A3	Group 2B		X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.

STOT - singleexposure	No informationavailable.
STOT - repeatedexposure	No informationavailable.
ChronicToxicity	Contains a known or suspectedcarcinogen.
Target OrganEffects	Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Central Nervous System(CNS).
AspirationHazard	No informationavailable.

Numerical measures of toxicity ProductInformation

The following values are calculated based on chapter 3.1 of the GHSdocument

ATEmix(oral)6,697.00
mg/kg**ATEmix(dermal)**
56,122.00 mg/kg(ATE)
ATEmix(inhalation-gas)
2,715,191.50

12.ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

ChemicalName	Toxicity toAlgae	Toxicity toFish	ToxicitytoMi croorganisms	Daphnia Magna(Water
Naphtha (petroleum),heavyaromatic 64742-94-5	72h EC50: = 2.5mg/L (Skeletonemacostatum)	96h LC50: = 19mg/L (Pimephales promelas)96hLC50: = 2.34mg/L (Oncorhynchus mykiss)96hLC50: = 1740mg/L (Lepomis macrochirus)96hLC50: = 45mg/L		48h EC50: = 0.95mg/L
Dipropyleneglycol monomethylether 34590-94-8		96h LC50: > 10000mg/L (Pimephalespromelas)		48h LC50: = 1919mg/L
Oleicacid 112-80-1		96h LC50: = 205mg/L (Pimephalespromelas)		
Potassiumhydroxide 1310-58-3		96h LC50: = 80mg/L (Gambusiaaffinis)		
Triethanolamine 102-71-6	96h EC50: = 169mg/L (Desmodesmussubspicat us) 72h EC50:=216 mg/L(Desmodesmussubs picatus)	96h LC50: 10600 -13000 mg/L (Pimephalespromelas)96h LC50: > 1000mg/L (Pimephales promelas)96hLC50: 450 -		24h EC50: = 1386mg/L
Diethanolamine 111-42-2	72h EC50: = 7.8mg/L (Desmodesmussubspicatus) 96h EC50:2.1 - 2.3mg/L(Pseudokirc hneriellasubcapitata	96h LC50: 4460 -4980 mg/L (Pimephalespromelas)96h LC50: 1200 -1580 mg/L (Pimephalespromelas)96h		48h EC50: = 55mg/L

Persistence andDegradability

No informationavailable.

Bioaccumulation

ChemicalName	LogPow
Naphtha (petroleum), heavyaromatic64742-	6.1
Dipropylene glycol monomethylether34590	-0.064
Propane 74-98-6	2.3
Butane10 6-97-8	2.89
Potassiumhydroxide 1310-58-3	0.83
Triethanolamine 102-71-6	-2.53
Diethanolamine 111-42-2	-2.18

Other adverseeffects

No informationavailable.

13.DISPOSALCONSIDERATIONS

Waste treatmentmethods

Disposalmethods	This material, as supplied, is a hazardous waste according to federal regulations (40CFR 261).
ContaminatedPackaging	Dispose of contents/containers in accordance with localregulations.
US EPA WasteNumber	D001

This product contains one or more substances that are listed with the State of California as a hazardouswaste.

ChemicalName	California HazardousWaste
Potassiumhydroxide 1310-58-3	ToxicCor rosive

14.TRANSPORTINFORMATION

DOT

Proper ShippingName	CONSUMERCOMMODITY
HazardClass	2.1
Description	CONSUMER COMMODITY,ORM-D
Emergency ResponseGuideNumber	126

TDG

UN-No.	UN1950
Proper ShippingName	AEROSOLS
HazardClass	2.1
Description	UN1950, AEROSOLS,2.1

MEX

UN-No.	UN1950
Proper ShippingName	AEROSOLS
HazardClass	2.1
Description	UN1950 AEROSOLS,2.1,

ICAO

UN-No.	UN1950
Proper ShippingName	AEROSOLS
HazardClass	2.1
Description	UN1950, AEROSOLS,2.1

IATA

UN-No.	UN1950
Proper ShippingName	AEROSOLS,FLAMMABLE
HazardClass	2.1
Description	UN1950, AEROSOLS, FLAMMABLE,2.1

IMDG/IMO

UN-No.	UN1950
Proper ShippingName	AEROSOLS
HazardClass	2.1
EmS-No.	F-D,S-U



Description UN1950, AEROSOLS,2.1

RID

UN-No. UN1950
 Proper ShippingName AEROSOLS
 HazardClass 2.1
 Classificationcode 5F
 Description UN1950 AEROSOLS,2.1,

ADR

UN-No. UN1950
 Proper ShippingName AEROSOLS
 HazardClass 2.1
 Classificationcode 5F
 Tunnel restrictioncode (D)
 Description UN1950 AEROSOLS,2.1,

ADN

UN-No. UN1950
 Proper ShippingName AEROSOLS
 HazardClass 2.1
 Classificationcode 5F
 SpecialProvisions 190, 327,625
 Description UN1950 AEROSOLS,2.1,
 HazardLabels 2.1
 LimitedQuantity LQ2
 Ventilation VE01,VE04

15.REGULATORY INFORMATION

InternationalInventories

TSCA Complies
 DSL All components are listed either on the DSL orNDSL.

TSCA - United States Toxic Substances Control Act Section 8(b)Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic SubstancesList

US FederalRegulations**SARA313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains achemicalor chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part372

ChemicalName	CASNo	Weight-%	SARA 313 - ThresholdValu
Diethanolamine -111-42-2	111-42-2	0.1 -1	1.0

SARA 311/312 HazardCategories

Acute HealthHazard Yes
 Chronic HealthHazard Yes
 FireHazard Yes
 Sudden release of pressurehazard Yes
 ReactiveHazard No

CWA (Clean WaterAct)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR122.21and 40 CFR122.42)

ChemicalName	CWA - ReportableQu	CWA - ToxicPollutants	CWA - PriorityPollutants	CWA - HazardousSub
--------------	--------------------	-----------------------	--------------------------	--------------------



Potassiumhydroxide 1310-58-3	1000lb			X
---------------------------------	--------	--	--	---

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR302)

ChemicalName	Hazardous SubstancesRQs	Extremely HazardousSubstan	RQ
Potassiumhydroxide 1310-58-3	1000lb		RQ 1000 lb finalRQRQ 454 kg
Diethanolamine 111-42-2	100lb		RQ 100 lb finalRQRQ 45.4 kg

US StateRegulations**California Proposition65**

This product contains the following Proposition 65 chemicals.

ChemicalName	California Proposition65
Diethanolamine -111-42-2	Carcinogen

U.S. State Right-to-KnowRegulations

ChemicalName	NewJersey	Massachusetts	Pennsylvania	Rhodelsland	Illinois
Dipropylene glycol monomethylether34590	X	X	X	X	X
Oleicacid 112-80-1			X		
Butane10 6-97-8	X	X	X		
Propane 74-98-6	X	X	X		
Potassiumhydroxide 1310-58-3	X	X	X	X	
Triethanolamine 102-71-6	X	X	X		
Diethanolamine 111-42-2	X	X	X	X	X

InternationalRegulations**Mexico****National occupational exposure limits**

Component	CarcinogenStatus	ExposureLimits
Dipropylene glycol monomethylether 34590-94-8(10-30)		Mexico:TWA100ppm Mexico:TWA60mg/m ³ Mexico:STEL150ppm Mexico:STEL900mg/m ³
Butane 106-97-8(3-7)		Mexico:TWA800ppm Mexico:TWA1900mg/m ³

Mexico - Occupational Exposure Limits -Carcinogens

Canada**WHMIS HazardClass**

Notdetermined

16. OTHER INFORMATION

NFPA	Health Hazards3	Flammability3	Instability0	Physical and Chemical Hazards-
HMIS	Health Hazards 3*	Flammability3	Physical Hazard0	Personal Protection



X

Chronic Hazard Star Legend * = Chronic HealthHazard

PreparedBy ProductStewardship
23 British AmericanBlvd.Latham,
NY12110
1-800-572-6501

IssuingDate 01-Jun-2015
RevisionDate 01-Jun-2015, 11/17/2015
RevisionNote No informationavailable

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 DataSheet