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1 Identification

- · Product identifier
 - Trade name: Motorvac DieselTune Complete Fuel Supplement
 - Part number: 400-3022
 - · Application of the substance / the mixture diesel fuel additive
- · Details of the supplier of the safety data sheet

CPS Product Inc. - USA 1010 East 31st Street Hialeah, FL 33013 USA Phone: (305) 687 - 4121 Email: cs@cpsproducts.com

Manufacturer/Supplier:
 CPS Product Inc - USA
 1010 East 31st Street
 Hialeah, FL 33013 USA

Contact Phone: (305) 687-4121

- email of person responsible: cs@cpsproducts.com
- **Emergency telephone number:**

CHEMTREC International +1 (703) 527-3887 (outside the US), 1-800-424-9300 (in the US) 24 hr

2 Hazard(s) identification

· Classification of the substance or mixture

Flammable Liquids 3 H226 Flammable liquid and vapor.
Skin Irrititation 2 H315 Causes skin irritation.

Eye Irritation 2A H319 Causes serious eye irritation. Germ Cell Mutagenicity 1B H340 May cause genetic defects.

Carcinogenicity 1B H350 May cause cancer.

Aspiration Hazard 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Label elements

· GHS label elements

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

· Hazard pictograms







- · Signal word Danger
- · Hazard-determining components of labeling:

Distillates (petroleum), hydrotreated light Solvent naphtha (petroleum), light arom. Solvent naphtha (petroleum), heavy arom. ethylbenzene

· Hazard statements

Flammable liquid and vapor.

Causes skin irritation.

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(Contd. of page 1)

Causes serious eye irritation.

May cause genetic defects.

May cause cancer.

May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

Precautionary statements

Obtain special instructions before use.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Immediately call a poison center/doctor.

Do NOT induce vomiting.

IF exposed or concerned: Get medical advice/attention.

Store in a well-ventilated place. Keep cool.

Dispose of contents in accordance with local regulations.

· Additional information: Restricted to professional users.

· Other hazards

PBT: Not applicable.vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Chemical components:			
64742-47-8	Distillates (petroleum), hydrotreated light		
111-76-2	2-butoxyethanol	10-25%	
27247-96-7	2-ethylhexyl nitrate	10-25%	
	Solvent naphtha (petroleum), light arom.	2.5-10%	
64742-94-5	Solvent naphtha (petroleum), heavy arom.	2.5-10%	
95-63-6	1,2,4-trimethylbenzene	≤2.5%	
1330-20-7	xylene	≤2.5%	
108-67-8	mesitylene	≤2.5%	
178535-25-6	Benzene, ethylenated, residues, distn. lights	≤2.5%	
91-20-3	naphthalene	≤2.5%	
	ethylbenzene	≤2.5%	
102-25-0	1,3,5-triethylbenzene	≤2.5%	
98-82-8	cumene	≤2.5%	

[·] Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- Description of first aid measures
 - · After inhalation: Supply fresh air; consult doctor in case of complaints.
 - · After skin contact:

Immediately wash with water and soap and rinse thoroughly.

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IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation continues, consult a doctor.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eve irritation develops or persists.

- After swallowing: Do not induce vomiting; immediately call for medical help.
- · Information for doctor: Treat Symptomatically
 - · Most important symptoms and effects, both acute and delayed

Headache

Dizziness

Disorientation

Nausea

Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Harmful if swallowed. May be fatal if swallowed and enters airways. Swallowing a small quantity of this material will result in serious health hazard.

See section 11.

Indication of any immediate medical attention and special treatment needed Medical supervision for at least 48 hours.

5 Fire-fighting measures

- Extinguishing media
 - · Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · Special hazards arising from the substance or mixture See section 10 for additional information.
- Advice for firefighters
 - · Protective equipment:

Wear full protective firegear including self-containing breathing apparatus operated in the positive pressure mode with full facepiece, coat, pants, gloves and boots. Do not use a water jet.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

Take precautions to avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· Handling:

· Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

- · Storage:
 - Requirements to be met by storerooms and receptacles:

See section 10 for incompatible materials.

- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Control parameters

· Control para	
· Compone	nts with limit values that require monitoring at the workplace:
64742-47-8 D	istillates (petroleum), hydrotreated light (25-50%)
EL (Canada)	TWA: 200 mg/m³ Skin
111-76-2 2-bu	itoxyethanol (10-25%)
PEL (USA)	TWA: 240 mg/m³, 50 ppm Skin
REL (USA)	TWA: 24 mg/m³, 5 ppm Skin
TLV (USA)	TWA: 20 ppm BEI, A3
EL (Canada)	TWA: 20 ppm
EV (Canada)	TWA: 20 ppm Skin
95-63-6 1,2,4	-trimethylbenzene (≤2.5%)
REL (USA)	TWA: 125 mg/m³, 25 ppm
TLV (USA)	TWA: (25) NIC-10 ppm NIC-A4
	(Contd. on page 5)

- NA

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		(Contd. of page 4)
1330-20-7 xy		
PEL (USA)	TWA: 435 mg/m³, 100 ppm	
REL (USA)	STEL: 655 mg/m³, 150 ppm TWA: 435 mg/m³, 100 ppm	
TLV (USA)	STEL: (150) ppm TWA: (100) NIC-20 ppm BEI, A4	
EL (Canada)	STEL: 150 ppm TWA: 100 ppm	
EV (Canada)	STEL: 650 mg/m³, 150 ppm TWA: 435 mg/m³, 100 ppm	
108-67-8 mes	sitylene (≤2.5%)	
REL (USA)	TWA: 125 mg/m³, 25 ppm	
TLV (USA)	TWA: (25) NIC-10 ppm	
91-20-3 naph	thalene (≤2.5%)	
PEL (USA)	TWA: 50 mg/m³, 10 ppm	
REL (USA)	STEL: 75 mg/m³, 15 ppm TWA: 50 mg/m³, 10 ppm	
TLV (USA)	TWA: 10 ppm Skin; BEI, A3	
EL (Canada)	TWA: 10 ppm Skin; IARC 2B	
EV (Canada)	STEL: 78 mg/m³, 15 ppm TWA: 52 mg/m³, 10 ppm	
100-41-4 ethy	ylbenzene (≤2.5%)	
PEL (USA)	TWA: 435 mg/m³, 100 ppm	
REL (USA)	STEL: 545 mg/m³, 125 ppm TWA: 435 mg/m³, 100 ppm	
TLV (USA)	TWA: 20 NIC-20 ppm BEI, A3, NIC: OTO, BEI, A3	
EL (Canada)	TWA: 20 ppm IARC 2B	
EV (Canada)	STEL: 540 mg/m³, 125 ppm TWA: 435 mg/m³, 100 ppm	
98-82-8 cume	ene (≤2.5%)	
PEL (USA)	TWA: 245 mg/m³, 50 ppm Skin	
REL (USA)	TWA: 245 mg/m³, 50 ppm Skin	
TLV (USA)	TWA: 5 ppm A3	
EL (Canada)	STEL: 75 ppm TWA: 25 ppm IARC 2B	
	•	(Contd. on page 6)

NA

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(Contd. of page 5) EV (Canada) TWA: 245 mg/m³, 50 ppm Ingredients with biological limit values: 111-76-2 2-butoxyethanol (10-25%) BEI (USA) 200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid (BAA) (with hydrolysis) 1330-20-7 xylene (≤2.5%) BEI (USA) 1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids 91-20-3 naphthalene (≤2.5%) BEI (USA) Medium: -Time: end of shift Parameter: 1-Naphthol with hydrolysis + 2-Naphthol with hydrolysis (Nq,Ns) 100-41-4 ethylbenzene (≤2.5%) BEI (USA) 0.15 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

· Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

· Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Store protective clothing separately.

Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:





Chemical resistant protective gloves

· Eye protection:



Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

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· Body protection: Protective work clothing

(Contd. of page 6)

nformation on basic physical and che	emical properties
General Information	
· Appearance:	1::
· Form:	Liquid
· Color: · Odor:	Amber colored Petrol-like
· Odor: · Odor threshold:	Not determined.
· pH-value:	Not determined. Not determined.
<u>'</u>	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	162 °C
· Flash point:	45 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	210 °C
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explos air/vapor mixtures are possible.
· Explosion limits:	
· Lower:	0.5 Vol %
· Upper:	10.6 Vol %
· Vapor pressure at 20 °C:	2 hPa
· Density:	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wate	er): Not determined.
· Viscosity:	
· Dynamic:	Not determined.
Kinematic at 40 °C:	2.01 mm²/s
· Solvent separation test	
VOC content:	27.85 %

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· Other information

No further relevant information available.

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
 - Thermal decomposition / conditions to be avoided:

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid Heat, open flames, sparks.
- Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: May include, and are not limited to: oxides of carbon.

11 Toxicological information

- · Information on toxicological effects
 - · Acute toxicity:

· LD/	· LD/LC50 values that are relevant for classification:		
ATE (Acu	ATE (Acute Toxicity Estimate)		
Oral	LD50	2,964 mg/kg	
Dermal	LD50	5,443 mg/kg	
Inhalative	LC50/4 h (vapor)	>33.9 mg/L	
111-76-2	2-butoxyethanol		
Oral	LD50	1,200 mg/kg (ATE)	
		1,414 mg/kg (gpg)	
Dermal	LD50	2,000 mg/kg (gpg)	
Inhalative	LC50/4 h (vapor)	11.5 mg/L (gpg)	
27247-96-	7 2-ethylhexyl nit	rate	
Oral	LD50	500 mg/kg (ATE)	
Dermal	LD50	1,100 mg/kg (ATE)	
Inhalative	LC50/4 h (vapor)	11 mg/L (ATE)	
64742-95-	6 Solvent naphth	a (petroleum), light arom.	
Oral	LD50	>6,800 mg/kg (rat)	
Dermal	LD50	>3,400 mg/kg (rab)	
Inhalative	LC50/4 h (vapor)	>10.2 mg/L (rat)	
95-63-6 1,	2,4-trimethylben	zene	
Oral	LD50	5,000 mg/kg (rat)	
Inhalative	LC50/4 h (vapor)	18 mg/L (rat)	
1330-20-7	xylene		
Oral	LD50	4,300 mg/kg (rat)	
Dermal	LD50	2,000 mg/kg (rabbit)	
		(Contd. on page 9	

- NA

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		(Contd. of page 8)	
Inhalative	LC50/4 h (vapor)	6,700 mg/L (rat)	
178535-25	5-6 Benzene, ethy	rlenated, residues, distn. lights	
Oral	LD50	>2,000 mg/kg (rat)	
91-20-3 na	aphthalene		
Oral	LD50	490 mg/kg (rat)	
Dermal	LD50	5,000 mg/kg (rat)	
100-41-4 €	100-41-4 ethylbenzene		
Oral	LD50	3,500 mg/kg (rat)	
Dermal	LD50	17,800 mg/kg (rabbit)	
Inhalative	LC50/4 h (vapor)	17.8 mg/L (rat)	
98-82-8 cı	98-82-8 cumene		
Oral	LD50	1,400 mg/kg (rat)	
Dermal	LD50	12,300 mg/kg (rabbit)	
Inhalative	LC50/4 h (vapor)	24.7 mg/L (mouse)	

- Primary irritant effect:
 - · on the skin: Irritant to skin and mucous membranes.
 - · on the eye: Irritating effect.
- · Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

İrritant

The product can cause inheritable damage.

· I/	ARC (International Agency for Research on Cancer)		
111-76-2	2-butoxyethanol	3	
1330-20-7	xylene	3	
91-20-3	naphthalene	2B	
100-41-4	ethylbenzene	2B	
98-82-8	cumene	2B	
· V	TP (National Toxicology Program)		
91-20-3 na	aphthalene	R	
98-82-8 cı	ımene	R	
· C	· OSHA-Ca (Occupational Safety & Health Administration)		
None of the	e ingredients is listed.		

12 Ecological information

- Toxicity
 - · Aquatic toxicity: Harmful to aquatic life with long lasting effects.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
 - Bioaccumulative potential No further relevant information available.
 - · Mobility in soil No further relevant information available.

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- · Ecotoxical effects:
 - · Remark: Harmful to fish
- · Additional ecological information:
 - · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

- Results of PBT and vPvB assessment
 - · **PBT:** Not applicable.
 - · vPvB: Not applicable.
- · Other adverse effects Avoid release to the environment.

13 Disposal considerations

- · Waste treatment methods
 - · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
 - · Recommendation: Disposal must be made according to official regulations.

UN-Number DOT, ADR, IMDG, IATA	UN1993
· UN proper shipping name · DOT · IMDG, IATA	Flammable liquids, n.o.s. (Distillates (petroleum hydrotreated light, Solvent naphtha (petroleum light arom., Xylenes, 2-butoxyethanol) FLAMMABLE LIQUID, N.O.S. (Distillate (petroleum), hydrotreated light, Solvent naphth (petroleum), light arom., XYLENES, 1,2,4-trimethy benzene)
· Transport hazard class(es)	
· DOT	
FLAMMABLE LIDUO	
· Class	3 Flammable liquids

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(Contd. of page 10) 3 · Label · IMDG. IATA · Class 3 Flammable liquids · Label · Packing group DOT, IMDG, IATA Ш · Environmental hazards: · Marine pollutant: No · Special precautions for user Warning: Flammable liquids Hazard identification number (Kemler code): 30 · EMS Number: F-E,S-E Stowage Category · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. · Transport/Additional information: · Limited quantities (LQ) 5L · Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 Maximum net quantity per outer packaging: 1000 ml · UN "Model Regulation": UN 1993 FLAMMABLE LIQUID, N.O.S. (DISTILLATES (PETROLEUM), HYDROTREATED LIGHT, SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM., XYLENES, 1,2,4-TRIMETHYLBENZENE), 3, Ш

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture No REACH Annex XVII restrictions Contains no REACH candidate substance

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

111-76-2 2-butoxyethanol

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05 62 6		f page 11)
1330-20-7	1,2,4-trimethylbenzene	
	naphthalene ethylbenzene	
	cumene	
	A (Toxic Substances Control Act):	
All compor	nents have the value ACTIVE.	
	position 65	
	Chemicals known to cause cancer:	
	naphthalene	
	ethylbenzene	
98-82-8	cumene	
	Chemicals known to cause reproductive toxicity for females:	
	e ingredients is listed.	
	Chemicals known to cause reproductive toxicity for males:	
None of th	e ingredients is listed.	
	Chemicals known to cause developmental toxicity:	
None of th	e ingredients is listed.	
· Car	cinogenic categories	
· E	PA (Environmental Protection Agency)	
111-76-2	2-butoxyethanol	۱L
95-63-6	1,2,4-trimethylbenzene	l
1330-20-7		
108-67-8	mesitylene I	l
91-20-3	naphthalene	C, CBD
100-41-4	ethylbenzene [)
98-82-8	cumene	D, CBD
· 7	LV (Threshold Limit Value)	
111-76-2	2-butoxyethanol	A3
1330-20-7	xylene	A4
	naphthalene	A4
100-41-4	ethylbenzene	A3
· N	IIOSH-Ca (National Institute for Occupational Safety and Health)	•
	e ingredients is listed.	
	adian substance listings:	
	Canadian Domestic Substances List (DSL)	
	ents are listed.	
	Canadian Non-Domestic Substances List (NDSL)	
None of th	e ingredients is listed.	
	(Contd. or	n page 13)

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		(Contd. of page 12)
	Canadian Ingredient Disclosure list (limit 0.1%)	
95-63-6	1,2,4-trimethylbenzene	
108-67-8	mesitylene	
100-41-4	ethylbenzene	
	Canadian Ingredient Disclosure list (limit 1%)	
111-76-2	2-butoxyethanol	

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.

- · Contact: Engineering Department
 - · Issue Date

23.03.2022

November 12, 2015

- · Revision Changes: v 1.0 original SDS release (November 12, 2015)
- Abbreviations and acronyms:

ADR: 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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

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

Flammable Liquids 3: Flammable liquids – Category 3

Skin Irrititation 2: Skin corrosion/irritation - Category 2

Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A

Germ Cell Mutagenicity 1B: Germ cell mutagenicity - Category 1B

Carcinogenicity 1B: Carcinogenicity - Category 1B

Aspiration Hazard 1: Aspiration hazard - Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

* Data compared to the previous version altered.

NA