

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

1 Identification

- **Product identifier**

- **Trade name: DieselTune EGR and Induction System Cleaner**

- **Part number:** 400-0280

- **Application of the substance / the mixture** Diesel EGR and Induction System Cleaner

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

- Motorvac, division of, CPS Products Canada Ltd.

- 1324 Blundell Road

- Mississauga, ON, L4Y 1M5

- Canada

- Phone: (905) 615-8620

- **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**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Carc. 2 H351 Suspected of causing cancer.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Warning

- **Hazard statements**

- Causes skin irritation.

- Causes serious eye irritation.

- Suspected of causing cancer.

- **Precautionary statements**

- Obtain special instructions before use.

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

- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

- Take off contaminated clothing and wash it before reuse.

- If eye irritation persists: Get medical advice/attention.

- If on skin: Wash with plenty of water.

- Store locked up.

- Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:** For Professional Use Only

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 1)

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 3
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 3
Fire = 0
Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

- **Description:** Mixture: consisting of the following hazardous components.

· **Chemical components:**

· Chemical components:		
1310-73-2	sodium hydroxide	1-<2%
18662-53-8	Nitritotriacetic acid trisodium salt monohydrate	0.1-<1%

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Wash with soap and water for 20 minutes or until chemical is removed. Immediately remove all contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse and discard leather articles saturated with the material.

· **After eye contact:**

Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.

· **After swallowing:**

DO NOT INDUCE VOMITING. Drink copious amounts of water and provide fresh air. Immediately call a doctor.

· **Information for doctor:** Treat Systematically

· **Most important symptoms and effects, both acute and delayed**

Irritating to skin and eyes. Could cause dermatitis. Will cause nausea and vomiting.
Irritating to mouth, throat and stomach.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

US

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 2)

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:**
Recommend wearing self-contained breathing apparatus. Water may cause splattering.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Avoid breathing vapors.
Personal protective equipment must be worn. Avoid contact with skin, eyes or clothing.
Remove persons from danger area.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
- **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**
Use good personal hygiene practices
Avoid contact with the eyes and skin.
Avoid contact with clothing.
Use only in well ventilated areas.
Avoid splashes or spray in enclosed areas.
 - **Information about protection against explosions and fires:** No special measures required.
- **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:**
Store only in the original receptacle.
 - **Further information about storage conditions:** Keep receptacle tightly sealed.
 - **Specific end use(s)** No further relevant information available.

US

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 3)

8 Exposure controls/personal protection

- **Engineering Controls**

eye wash station
safety shower

- **Control parameters**

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

1310-73-2 sodium hydroxide (1-<2%)

PEL TWA: 2 mg/m³

REL CEV: 2 mg/m³

TLV CEV: 2 mg/m³

- **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.
Wash hands before breaks and at the end of work.
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.

9 Physical and chemical properties

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

- **General Information**

- **Appearance:**

- **Form:**

Liquid

- **Color:**

Amber colored

- **Odor:**

Mild

- **Odour threshold:**

Not determined.

- **pH-value at 20 °C (68 °F):**

12.5

- **Change in condition**

- **Melting point/Melting range:**

Undetermined.

- **Boiling point/Boiling range:**

Undetermined.

- **Flash point:**

Not applicable.

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 4)

· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapor pressure:	Not determined.
· Density at 20 °C (68 °F):	1.02 g/cm ³ (8.512 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic:	Not determined.
· Solvent content:	
· Organic solvents:	0.0 %
· Solids content:	2.0 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
 - **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** acids
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity:**

· LD/LC50 values that are relevant for classification:		
EGR and Induction System Cleaner		
Oral	LD50	29851 mg/kg (ATE)
1310-73-2 sodium hydroxide		
Oral	LD50	2000 mg/kg (rat)

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 5)

18662-53-8 Nitrilotriacetic acid trisodium salt monohydrate

Oral	LD50	100 mg/kg (ATE)
------	------	-----------------

- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
 - **Ingestion:** Irritating to mouth, throat and stomach.
- **Sensitization:** No sensitizing effects known.
- **Route of Exposure** Eyes, Oral, Dermal, Inhalation
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

1310-73-2 sodium hydroxide

LC50 (48 h)	125 mg/L (fish)
-------------	-----------------

- **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.
- **Additional ecological information:**
 - **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

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

(Contd. on page 7)

-US

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015



Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 6)

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

14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA 	UN3266
<ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG, IATA 	Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide) CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE)
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT 	<div style="text-align: center;">  <p>CORROSIVE 8</p> </div>
<ul style="list-style-type: none"> · Class · Label 	8 Corrosive substances 8
<ul style="list-style-type: none"> · IMDG, IATA 	<div style="text-align: center;">  <p>CORROSIVE 8</p> </div>
<ul style="list-style-type: none"> · Class · Label 	8 Corrosive substances 8
<ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA 	II
<ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · Special precautions for user · Danger code (Kemler): · EMS Number: · Segregation groups 	Warning: Corrosive substances 80 F-A,S-B Alkalis
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: · DOT · Quantity limitations 	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
<ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging:

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 7)

.	1000 ml
· UN "Model Regulation":	UN3266, Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide), 8, II

15 Regulatory information

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

- **Sara**

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

None of the ingredients is listed.

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

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

1310-73-2 | sodium hydroxide

- **Proposition 65**

- **Chemicals known to cause cancer:**

18662-53-8 | Nitritotriacetic acid trisodium salt monohydrate

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

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

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

None of the ingredients is listed.

- **GHS label elements**

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

- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Warning

- **Hazard statements**

Causes skin irritation.
Causes serious eye irritation.
Suspected of causing cancer.

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 05/27/2015

Revision Date: 05/27/2015

Trade name: DieselTune EGR and Induction System Cleaner

(Contd. of page 8)

· Precautionary statements

Obtain special instructions before use.

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

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Take off contaminated clothing and wash it before reuse.

If eye irritation persists: Get medical advice/attention.

If on skin: Wash with plenty of water.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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** May 27, 2015

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Carc. 2: Carcinogenicity, Hazard Category 2

US