



**THE LEADER IN INNOVATIVE
SURFACE FINISHING SOLUTIONS**

Effective July 22, 2024

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Dynabrade Part Numbers:



22017
DynaOne
(1 L) Fine Finish Compound

23096
DynaOne
(250 mL) Fine Finish Compound

WE LISTEN. WE OBSERVE. WE INNOVATE.



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DYNABRADE.COM

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 2 of 10

1. Identification**1.1 Product identifier**

DynaOne

1.2 Recommended use of the chemical and restrictions on use**Use of the substance/mixture**

Automotive care products

1.3 Details of the supplier of the safety data sheet

Company name: Dynabrade, Inc.
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Place: USA-14031-1419 Clarence, New York
Telephone: +1 716 631 0100 Telefax: +1 7166312073
Contact person: Safety Coordinator
E-mail: brian.barnard@dynabrade.com
Internet: www.dynabrade.com
SDS Date: 06/05/2024, Version 1,03: 07/22/2024
Version: 2,03

1.4 Emergency phone number: 1-800-222-1222 (American Assoc. of Poison Control Centers)**2. Hazard(s) identification****2.1 Classification of the chemical****29 CFR Part 1910.1200**

Flammable liquids: Flam. Liq. 4

2.2 Label elements**29 CFR Part 1910.1200****Signal word:** Warning**Hazard statements**

Combustible liquid

Precautionary statements

Keep out of reach of children.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
Store in a well-ventilated place.
In case of fire: Use sand, earth, extinguishing powder or foam to extinguish.
Dispose of waste according to applicable legislation.

2.3 Hazards not otherwise classified

No information available.

3. Composition/information on ingredients**Mixtures****Relevant ingredients**

CAS No	Components	Quantity
64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 0,1% Benzene	15 %
8042-47-5	white mineral oil (petroleum)	2 %

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 3 of 10

4. First-aid measures**4.1 Description of first aid measures****General information**

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed.

Treat symptomatically.

5. Fire-fighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2 Specific hazards arising from the chemical

Flammable. Vapors may form explosive mixtures with air.

5.3 Special protective equipment and precautions for fire fighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****General advice**

Remove all sources of ignition. Danger of explosion. Provide adequate ventilation. Do not breathe gas/fume/vapor/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

For non-emergency personnel

Remove all sources of ignition. Remove persons to safety. Ventilate affected area. Wear personal protection equipment (refer to section 8).

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 4 of 10

For emergency responders

Wear breathing apparatus if exposed to vapors/dusts/aerosols. Use personal protection equipment. Wear anti-static footwear and clothing. Material, solvent-resistant.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up**For containment**

Stop leak if safe to do so. Cover drains. Collect spillage. Collect in closed and suitable containers for disposal.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Use only non-sparking tools. Clean contaminated articles and floor according to the environmental legislation.

Reference to other sections

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

7. Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Vapors may form explosive mixtures with air. Only use the material in places where open light, fire and other flammable sources can be kept away.

Advice on general occupational hygiene

Wear protective gloves/protective clothing. Remove contaminated, saturated clothing immediately. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. When using do not smoke. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapors/spray.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

Oxidizing agent. Strong acid. Strong alkali. Pyrophoric or self-heating substances

Further information on storage conditions

Recommended storage temperature: 15-25°C

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 5 of 10

8. Exposure controls/personal protection

8.1 Control parameters

Exposure limits

CAS No	Substance	ppm	mg/m ³	f/cc	Category	Origin
1344-28-1	alpha-Alumina Respirable fraction		5		TWA (8 h)	PEL
56-81-5	Glycerin (mist) Respirable fraction		5		TWA (8 h)	PEL

8.2 Exposure controls



Appropriate engineering controls

Use only in well-ventilated areas.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Recommended glove articles : HyFlex® Foam (EN 420, EN 388 (3131))

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Keep away from sources of ignition - No smoking. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Take precautionary measures against static discharges. Vapors may form explosive mixtures with air.

Environmental exposure controls

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 6 of 10

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Liquid
 Color: pink
 Odor: characteristic

Test method

Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	100°C	
Flammability:	not applicable	
Lower explosion limits:	0,5 vol. %	
Upper explosion limits:	7 vol. %	
Flash point:	73°C	DIN EN ISO 2719
: Auto-ignition temperature	>200°C	
Decomposition temperature:	not determined	
pH-Value (at 20 °C):	7,84	
Viscosity/kinematic : (at 40 °C)	>20, 5 mm²/s	
Water solubility: (at 20 °C)	completely miscible	
Solubility in other solvents not determined		
Partition coefficient n-octanol/water:	not determined	
Vapor pressure: at (20°C)	0,6 hPa	
Density (at 20°C):	1,07 g/cm³	

Other information**Information with regard to physical hazard classes**

Oxidizing properties
 Not oxidizing

Other safety characteristics

Solvent content: 22,99%
 Viscosity/dynamic: 25000-30000 mPa-s
 (at 20°C)

10. Stability and reactivity

Reactivity

Flammable.

Chemical stability

Stability: Stable

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Hazardous reactions: Will not occur
 No known hazardous reactions.

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 7 of 10

Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapors may form explosive mixtures with air. Only use the material in places where open light, fire and other flammable sources can be kept away. Protect from sunlight.

Incompatible materials

Oxidizing agent. Strong acid. Strong alkali. Pyrophoric or self-heating substances

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information**Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No information available.

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 0,1% Benzene				
	oral	LD50 mg/kg >5000	Rat	ECHA	OECD TG 401
	dermal	LD50 mg/kg >5000	Rabbit	ECHA	OECD TG 402
8042-47-5	white mineral oil (petroleum)				
	oral	LD50 mg/kg >5000	Rat	ECHA	OECD 401
	dermal	LD50 mg/kg >2000	Rabbit	ECHA	OECD 402

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

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

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met

Specific target organ toxicity (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

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 8 of 10

Specific effects in experiment on an animal

No information available.

Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

12. Ecological information**Ecotoxicity**

Based on available data, the classification criteria are not met.

Persistence and degradability

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

13. Disposal considerations**Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled.

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 9 of 10

14. Transport information

U.S. DOT 49 CFR 172.101

UN number or ID number: NA1993
Proper shipping name: Combustible liquids, n.o.s.
Transport hazard class(es): Comb liq
Packing group: III
Hazard label: None

Marine transport (IMDG)

UN number or ID number: No dangerous good in sense of this transport regulation
UN proper shipping name: No dangerous good in sense of this transport regulation
Transport hazard class(es): No dangerous good in sense of this transport regulation
Packing group: No dangerous good in sense of this transport regulation

Air transport (ICAO-TI/ATA-DGR)

UN number or ID number: No dangerous good in sense of this transport regulation
UN proper shipping name: No dangerous good in sense of this transport regulation
Transport hazard class(es): No dangerous good in sense of this transport regulation
Packing group: No dangerous good in sense of this transport regulation

Environmental hazards

ENVIRONMENTALLY HAZAROUS: No

Special precautions for user

No dangerous good in sense of this transport regulation

Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code

not applicable

15. Regulatory information

U.S. Regulations

National Inventory TSCA

Registration status: Yes

National regulatory information

SARA Section 311/312 Hazards:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 0,1% Benzene (64742-48-9): Fire hazard

SARA Section 313 Toxic release inventory:

Aluminum oxide (fibrous forms) (1344-28-1): De minimis limit = 1.0 %, Reportable threshold = Standard

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

WARNING: This product can expose you to chemicals including Formaldehyde (gas) (cancer), which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Safety Data Sheet

according to 29 CFR 1910.1200(g)

DynaOne

Revision date: 7/22/2024

Page 10 of 10

16. Other information**Changes**

Revision date: 7/22/2024
Revision No: 2,03

This data sheet contains changes from the previous version in section(s): 1 and 16

Prepared By: Brian Barnard

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)