

**DYNABRADE DYNATEAL**  
**22010 (330ML), 22013 (5L)**  
**DYNABRADE DYNAORANGE**  
**22020 (330ML), 22023 (5L)**  
Date of Preparation: 05/08



**MSDS No. MS08.03**  
Revision: 01

# **MATERIAL SAFETY DATA SHEET**

## **Section 1 - Product and Company Identification**

**Product Name:** Dynabrade Dynateal 22010, 22013, Dynaorange 22020, 22023  
**Manufacturer:** Dynabrade Inc., 8989 Sheridan Drive, NY 14031-1490. Phone (716) 631-0100  
FAX (716) 631-2073, U.S. Customers Call Toll Free 1-800-828-7333

## **Section 2 - Composition / Information on Ingredients**

Substance	EINECS/ELINCS	CAS	Range [%]	Symbol / R-phr.
Isoalkane, C <sub>11</sub> – C <sub>15</sub>	292-460-6	90622-58-5	10 - < 20	Xn-65-66

## **Section 3 - Hazards Identification**

No special hazards have to be mentioned.

## **Section 4 - First Aid Measures**

General information: Change soaked clothing.  
Inhalation: Ensure supply of fresh air. In the event of symptoms seek for medical treatment.  
Skin contact: When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.  
Eye contact: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.  
Ingestion: Rinse out mouth and give plenty of water to drink. Supply with medical care.  
Advice to doctor: Treat symptomatically.

## **Section 5 - Fire-Fighting Measures**

Suitable extinguishing media: Foam. Dry powder. Water spray jet. Carbon dioxide.  
Extinguishing media that must not be used: Full water jet.  
Special exposure hazards arising from the substance or preparation itself or combustion products: Risk of formation of toxic pyrolysis products.  
Special protective equipment for firefighters: Use self-contained breathing apparatus.  
Additional information: Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

## **Section 6 - Accidental Release Measures**

Personal precautions: Keep away sources of ignition. High risk of slipping due to leakage/spillage of product.  
Environmental precautions: Do not discharge into the drains/surface waters/groundwater.  
Methods for cleaning up: Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, silicious earth). Dispose of absorbed material in accordance within the regulations.

## **Section 7 - Handling and Storage**

Advice on safe handling: No special measures necessary if used correctly.  
Advice on protection against fire and explosion: No special measures necessary.  
Requirements for storage rooms and vessels: Keep only in original container.  
Advice on storage compatibility: none  
Further information on storage conditions: Keep container tightly closed. Protect from frost. Recommended storage temperature: 15-25 °C.

## Section 8 - Exposure Controls / Personal Protection

### Additional advice on system design:

Ensure adequate ventilation on workstation.

### Ingredients with occupational exposure limits to be monitored:

Substance	[ppm]*	[mg/m <sup>3</sup> ]*	General remarks:
Isoalkane, C <sub>11</sub> – C <sub>15</sub>		1200	
* LTEL: Long-term exposure limit			
Respiratory protection:	not applicable		
Hand protection:	Butyl rubber, >120 min (EN 374).		
Eye protection:	Safety glasses.		
Skin protection:	not applicable		
General protective measures:	Avoid contact with eyes and skin.		
Hygiene measures:	Wash hands before breaks and after work. Use barrier skin cream.		
Delimitation and monitoring of the environmental exposition:	not determined		

## Section 9 - Physical and Chemical Properties

Form:	liquid pasty
Color:	specific
Odor:	characteristic
pH-value:	7 - 9
pH-value (1 %):	not determined
Boiling point [°C]:	> 100
Flash point [°C]:	> 65
Flammability [°C]:	not determined
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Combustible properties:	no
Vapour pressure [kPa]:	not determined
Density [g/ml]:	ca. 1
Bulk density [kg/m <sup>3</sup> ]:	not applicable
Solubility in water:	partially miscible
Partition coefficient: n-octanol/water:	not determined
Viscosity:	> 7 mm <sup>2</sup> /s (40°C)
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not applicable
Decomposition temperature [°C]:	not determined

## Section 10 - Stability and Reactivity

Hazardous reactions:	Reactions with strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

## Section 11- Toxicological Information

Acute oral toxicity OECD 401:	not determinated
Experiences made in practice:	none
General remarks:	Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

## Section 12 - Ecological Information

Fish toxicity:	not determinated
Daphnia toxicity:	not determinated
Behaviour in environment compartments:	not determinated
Behaviour in sewage plant:	not determinated
Bacteria toxicity:	not determinated
Biological degradability:	not determinated
COD:	not determinated
BOD 5:	not determinated
AOX-advice:	No dangerous components.
2006/11/EC:	yes
General information:	Ecological data are not available.

## Section 13 - Disposal Considerations

Disposal / Product:	Disposal in an incineration plant in accordance with the regulations of the local authorities.
Waste no. (recommended):	120121
Disposal / Contaminated packaging:	Packaging that cannot be cleaned should be disposed of as for product.

## Section 14 – Transport Information

### Classification according to

**ADR:** no dangerous goods

Declaration:  
Labelling:  
Factor (ADR 1.1.3.6):  
LQ (ADR 3.4.6):  
Hazard-no.:  
Label:

### Classification according to

**IMDG:** not classified as “Dangerous Goods”

Declaration:  
Labelling:  
Label:  
LQ [l, kg]:  
EmS:

### Classification according to

**IATA:** not classified as “Dangerous Goods”

Declaration:  
Labelling:  
Label:

**Section 15 - Regulatory Information**

<b>Labelling:</b>	The product does not require a hazard warning label in accordance with EC-directives.
<b>Hazard symbols:</b>	
<b>Special labelling for certain preparations:</b>	Safety data sheet available for professional user on request.
<b>Sources of documentation:</b>	EEC: 91/155 (2001/58); 67/548 (2004/73, 29. ATP); 1999/45 (2006/8); 91/689 (2001/118); 89/542; 1999/13; 2004/42 Transport information: ADR (2007); IMDG-Code (32. Amdt.); IATA-DGR (2007)
<b>National regulations:</b>	EH40/2002 Occupational Exposure Limits Supplement 2003

**Section 16 - Other Information**

(Information on ingredients - position 03)

R 65: Harmful - may cause lung damage if swallowed.

R 66: Repeated exposure may cause skin dryness or cracking.

**Additional information**

Observe employment restrictions for people: no

VOC (1999/13/EG): not determinated

Customs Tariff: not determinated

**Information on ingredients**

2004/42/EG: not applicable

UBA-Registration: not applicable

648/2004/EG, Contains: not applicable

**Modified position**

none