

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: **DX1030**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the preparation: Fire fighting foam.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

DYNAX CORPORATION  
79 Westchester Ave. Pound Ridge NY 10576 USA.  
Tel: +1 914-764-0202  
Fax: 914 -764 - 0553.  
info@dynaxcorp.com  
www.dynaxcorp.com

**Further information obtainable from:**

B-Lands Consulting  
WTC, 5 Place Robert Schuman, BP 1516  
38025 Grenoble, FRANCE  
Tel: +33 476 295 869  
Fax: +33 476 295 870  
Email: clients@reachteam.eu  
www.reachteam.eu

### 1.4 Emergency telephone number:

CHEMTREC: +1 703-741-5970.  
NHS Direct: 111 (England and Scotland), 0845 46 47 (Wales).  
Ireland - National Poisons Information Centre: +353 1 8379964.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

This product is not classified as hazardous according to Regulation (EC) No 1272/2008.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Not applicable.

Hazard pictograms: Not applicable.

Signal word: Not applicable.

Hazard statements: Not applicable.

**Additional information:**

Safety data sheet available on request.

### 2.3 Other hazards

**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Hazardous components:**

CAS: 107-41-5	2-methylpentane-2,4-diol	15-<17%
EINECS: 203-489-0	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Index number: 603-053-00-3		

**Additional information:** For the wording of the listed risk phrases refer to section 16.

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**After inhalation:** Move patient to fresh air, if symptoms persist consult a doctor.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

**6.2 Environmental precautions** Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for containment and cleaning up

Ensure adequate ventilation.

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

### 6.4 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.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:** No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**7.3 Specific end use(s):** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

##### 107-41-5 2-methylpentane-2,4-diol

WEL (Great Britain)	Short-term value: 123 mg/m <sup>3</sup> , 25 ppm Long-term value: 123 mg/m <sup>3</sup> , 25 ppm
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**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment

**General protective and hygienic measures:** Wash hands before breaks and at the end of work.

**Respiratory protection:** Not required.

#### Protection of hands:



Protective gloves.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Eye protection:



Safety glasses with side-shields (EN 166).

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Liquid.
<b>Colour:</b>	Light yellow.

<b>Odour:</b>	Mild.
<b>Odour threshold:</b>	Not determined.

<b>pH-value:</b>	6.5 - 7.5
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<b>Melting point/Melting range:</b>	Not determined.
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<b>Boiling point/Boiling range:</b>	Not determined.
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<b>Flash point:</b>	Not applicable. Not determined.
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<b>Flammability (solid, gaseous):</b>	Not applicable.
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<b>Ignition temperature:</b>	Not determined.
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<b>Decomposition temperature:</b>	Not determined.
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<b>Self-igniting:</b>	Product is not selfigniting.
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<b>Danger of explosion:</b>	Product does not present an explosion hazard.
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<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.

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<b>Upper:</b>	Not determined.
<b>Oxidising properties</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	1.23 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Soluble.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	<100 cP's
<b>Kinematic:</b>	Not determined.
<b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

### 10.2 Chemical stability

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

### 10.3 Possibility of hazardous reactions

Reacts with strong oxidising agents.

Reacts with reducing agents.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials** No further relevant information available.

### 10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrogen oxides (NO<sub>x</sub>)

Sulphur oxides (SO<sub>x</sub>)

Danger of toxic fluorine based pyrolysis products.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### LD/LC50 values:

Oral	LD50	>5000 mg/kg (Rat) (Not harmful)
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#### Primary irritant effect:

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

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

**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.

#### CMR effects (carcinogenicity, mutagenicity and toxicity 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.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

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**Trade name:** DX1030**Aspiration hazard:** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

LC50/48h	470 mg/L (Daphnia Magna) (Not Harmful)
LC50/96h	650 mg/L (Pimephales Promelas (Fathead Minnow)) (Not Harmful)

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

#### Additional ecological information

##### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Recommendation:** Do not allow product to reach sewage system.

#### Uncleaned packaging

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

## SECTION 14: Transport information

### 14.1 UN Number

ADR, ADN, IMDG, IATA Not applicable.

### 14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Not applicable.

### 14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA  
Class Not applicable.

### 14.4 Packing group

ADR, IMDG, IATA Not applicable.

### 14.5 Environmental hazards

Marine pollutant: No

**14.6 Special precautions for user** Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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**Trade name:** DX1030**15.2 Chemical safety assessment** A Chemical Safety Assessment has not been carried out.**SECTION 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.

**Relevant phrases**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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 Harmonised 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 (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

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