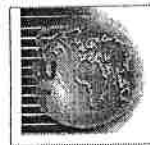


CWT

Safety data sheet



Safety data sheet according to directive CE 1907/2006 - 453/2010 REACH

Product: **Alphaspeed GYS 4 -128 HD**

Last updating : 24/01/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Alphaspeed GYS 4 – 128 HD
Intended Use : Grease for industrial applications .
Lubricating grease for mechanical equipments.
Company identification : CWT - Chemicals World Trade S.r.l
Via Concordia , 6
21040 Sumirago (VA) - Italy
Tel.: +39 0331 909790 - Fax: +39 0331 907084
Helth Emergency Telephone n° : Tel : +39 348 3237072

2. HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines .
Toxic substances : absent
No substance is PBT o vPvB identifiable (Att. XIII – REACH)
The product when properly handled is not dangerous for the human health
Harmful effects are expected only in case of misuse expecially in case of thermal decomposition .

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of synthetic oils , thickener and additives .
Hazardous components : absent .
PCB , PCT content: absent
PNA/IP content : < 3 % - IP-346/92 Method
Lead and heavy metals : absent
Symbols : none.
Risk phrases : none .

4. First aid measures:

Skin contact: Wash with water and soap. Remove contaminated clothing.
If grease has penetrated skin by force (in case of misuse of a grease press): See a physician* immediately.
Eye contact: Flush with plenty of water for at least 15 minutes. See a physician* if the eye irritation remains.
Ingestion: See a physician* if necessary. Do not induce vomiting.
Inhalation: Remove the patient to fresh air. See a physician* if necessary.

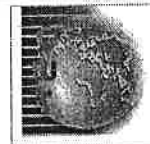
*Show the physician this safety data sheet.

5. Fire fighting measures:

Suitable extinguishing media: dry chemicals, powder, foams, carbon dioxide
Do not use water. In the case of fire, the vapour can involve toxic compounds (carbon monoxide)
Use a respirator to protect from vapours.

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6. Accidental release measures:

Pick up free grease for recycle or disposal. Absorb small amounts on inert material.
Collect the released product and the used absorbent materials in suitable containers for disposal .
Avoid the uncontrolled discharge in sewage systems, in surface and underground waters.
Do not smoke while handling with released grease.

7. Handling and store measures:

Store in cool and dry areas.
Keeping quality in original drums for the storage conditions mentioned above: minimum 5 years.
If the grease is exposed to high temperatures, good ventilation in the working areas is necessary .
In case of misuse of a grease press highly pressed lubricants can penetrate the skin and may be dangerous for human health .
Avoid the contact of sparks and flames . Do not eat , drink and smoke in working area .

8. Exposure control / Personal protection:

Hand protection:	Not necessary in normal use. When often handling the product wear rubber gloves
Respiratory protection:	Not necessary in normal use. Avoid breathing the vapours above the decomposition temperature (oil mist).
Eye protection:	Not necessary in normal use. Wear safety glasses, if necessary.

9. Physical and chemical properties:

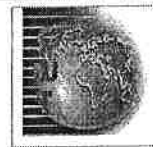
Physical state:	solid , pseudoplastic		
Structure :	soft, smooth , homogeneous .		
Colour:	beige		
Odour:	typical		
Dropping point :	> 230 °C		ASTM D 2265
Flash point (base oil):	> 230 °C		ASTM D 92 (COC)
Boiling point (base oil):	> 300 °C		ASTM D 92
Ignition temperature :	ND		
Pour point :	< - 45 °C		
Density:	0,92 g/cm ³	at 15 °C	ASTM D 891
Vapour pressure:	< 0,1 mbar	at 20 °C	
Base oil Viscosity :	28,4/6,0 mm ² /s	at 40 / 100 °C	ASTM D 445
Solubility in water:	negligible		
pH-value:	ND		
Explosion limits:	ND		
Soluble in :	usual organic solvents		

10. Stability and reactivity:

The product is stable in normal condition of use and storage.
Thermal decomposition: > 300 °C
In the case of misuse at temperatures above the decomposition temperature harmful vapours may arise from the product.
Materials to avoid contact : strong oxidising agents (liquid oxygen), strong acids, strong alkalis.

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11. Toxicological Information:

Experimental toxicological data.

oral: $LD_{50} > 2000$ mg/kg (rat)

epidermal : $LD_{50} > 2000$ mg/kg (rabbit)

inhaling : $LD_{50} > 5000$ mg/kg (rat)

limit value for oil mist: 5 mg/m³.

Alphaspeed GYS 4 – 128 HD when properly handled is not dangerous for human health

The grease has no known effects of chronic toxicity or carcino genesis (based on data from components)

Use the product according to the good working practices avoiding polluting the environment.

Water Pollution Class WGK 1: Slightly water endangering (Classification according to German VwVwS from May, 1999): Avoid the contamination of soil and water

13. Disposal considerations:

Destroy the waste product by incineration according to local laws and regulations.

LAGA- Waste code number (Germany):

542 02 for waste lubricants.

542 09 for solid materials contaminated with grease or oil.

EWC- Waste code number (European Community):

12 01 12 for used waxes and greases

15 02 99 D1 for used absorbent and filter materials, cleaning rags and protection clothes

Contaminated with grease or oil.

17 02 99 D1 for wood, glass and plastics containing grease or oil (for example: residuals of grease in plastic tubes).

14. Transport Information:

The product is not dangerous for transportation

Road transportation: (ADR) not classified

Rail transportation: (RID) not classified

Sea transportation: IMDG / IMO not classified

Air transportation: ICAO / IATA not classified

U.N.-number: not assigned

Packaging group: not assigned

15. Regulatory Information:

No regulation and classification according to EEC directives necessary.

No labelling with hazard symbols.

Aquatic toxicity: W 1 (= German Water Pollution Class)

16. Further Information:

The information given in this safety data sheet is for safety purpose only. It is given in good faith and based on the best knowledge and experience of the company at the date of issuing. The company is not responsible for damages caused by the use of the product in applications for which it was not intended or for conditions of use outside its control.

Former versions of this safety data sheet are no longer valid.

Regulatory information :

D.LGS. 52/97, D.LGS 65-14/03/03 , D.M -14/6/2002 e 7/9/2002, D.E. 1999/45/CE, 2001/60/CE , 67/548/CE DPR 303/56

DPR 547/55 - DPR 336/94

D.LGS 626/94 - 89/391/CEE, 89/654/CEE , 242/96 e 25/02 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 91/155 CEE 93/88/CEE, 95/63/CE, 97/42/CE, 98/24/CE, 99/38/CE - CE 1907/2006 (REACH) - CE 453/2010 (REACH)