

TECHNICAL DATA SHEET

COBALT OCTOATE 6% A

PROPERTIES	SPECIFICATION
METAL CONTENT as Cobalt	6.00 ± 0.2%
APPEARANCE	Bluish violet liquid
SPECIFIC GRAVITY @ 30°C/ 30°C	0.89 ± 0.03
VISCOSITY (Gardner-Holdt @ 30°C)	A max.

The information contained in this data sheet has been determined through the application of accepted practice and is believed to be true. No warranty is expressed or implied regarding the accuracy of the information. This information is furnished with express condition that you will make your own test to determine the suitability of the product for your particular use.

MATERIAL SAFETY DATA SHEET

COMMERCIAL PRODUCT NAME : COBALT OCTOATE 6% Acclerator

.
. .

SECTION 1 : IDENTITY INFORMATION

2.1 Chemical characterization : Cobalt soap dispersion in mineral spirit with 6% of Cobalt

2.2 Form : Liquid 2.3 Colour : Bluish 2.4 Odour : Typical

2.5 Hazardous ingredients :

Component	CAS No.	Exposure Guidelines		
		OSHA/PEL/TWA	ACGIH/TLV/TWA	UNITS
Cobalt 2-Ethyl Hexanoate	136-52-7	0.1	0.05	mg/m ³
Mineral Spirits	8052-41-3	100ppm	525	mg/m ³

OSHA 29 CFR 1910.1000 Table Z-1-A (Final Rule) TWA list for Cobalt Metal dust and fume (as Co)

OSHA 29 CFR 1910.1000 Table Z-1-A (Final Rule) TWA list for Stoddard solvent

HAZARDOS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health - 2	Flammability - 2	Reactivity - 0	Protective Equipment - B
------------	------------------	----------------	--------------------------

SECTION 2 : PHYSICAL SAFETY DATA

3.1	Change in physical state boiling range of mineral spirit : 145-205 C (not applicable to the solvent free metal soap)	Tested in accordance with ASTM D 1078
3.2	Density @ (30°C) Bulk density not applicable	0.89g/ml ISO 2811
3.3	Vapour pressure @ (38°C) (mineral spirit)	3mbar
3.4	Viscosity @ 30°C	max 0.6 stokes
3.5	Solubility in water	not applicable
3.6	Ph value	not applicable
3.7	Flash point	39°C ASTM D 92-72
3.8	Ignition temperature (mineral spirit)	252°C ASTM D 2155
3.9	Explosion limits	Lower : 0.8 Upper 5% (mineral spirit)
3.10	Thermal decomposition	No decomposition if used as directed
3.11	Hazardous decomposition products	
3.12	Hazardous reacting risk of explosion by contact with peroxides	
3.13	Additional information The product is miscible with many organic solvents	

SECTION 3 : TRANSPORTATION

GGVSee/IMDG Code : 3345 UN NO 1993 inflammable : Liquid NOS ICAO/IATA : DGR

GGVE/GGVS RID/ADR 3.31 C ADNR

Other information : IMCO 3

SECTION 4 : REGULATIONS (EEC)

R 10 : Flammable

On the basis of the data available to us, Cobalt 6% Acclerator is not a dangerous product. One should, however, observe the usual precautionary measures for handling chemicals.

COMMERCIAL PRODUCT NAME : COBALT OCTOATE 6% Acclerator

SECTION 5 : PROTECTIVE MEASURES, STORAGE AND HANDLING

- 6.1 Technical protective measures
Keep the container tightly closed in a well ventilated place and away from sources of ignition. Do not store together with peroxides.
- 6.2 Personal Protective equipment : N/A
Respiratory Protection : N/A
Eye Protection : Protecting glasses
Hand Protection : Neoprene gloves
Other : Minimize breathing vapour ; avoid prolonged contact with skin
- 6.3 Industrial hygiene :
Keep away from foodstuffs, drinks and animal feed. Take off contaminated, saturated clothing, shoes immediately. Wash hands before work breaks and at the end of working.
- 6.4 Protection against fire and explosion :
Do not smoke. Keep sources of ignition such as heat spark. Take measures against the build-up of electrostatic charges.
- 6.5 Disposal
Take into consideration the local authority regulation on incineration

SECTION 6 : MEASURES IN CASE OF ACCIDENTS AND FIRES

- 7.1 After spillage/leakage/gas leakage
Take up with inert absorbent material (e.g. sand, kieselgur) and do not allow to get into drains. Provide for sufficient ventilation. Eliminate all sources of ignition (flares, flames, electrical sparks etc)
- 7.2 Extinguishing media suitable foam, Carbon dioxide, water spray (fog), dry chemical, vapouring liquid type extinguisher may be suitable for extinguishing fires.
Not to be used : Water in a jet
- 7.3 First aid
In case of skin contact, wash off immediately with plenty of water and soap. Remove saturated clothing. In case of eye contact rinse away thoroughly with water and consult a doctor. In case of swallowing, consult a doctor.
- 7.4 Additional information
In case of a fire, the smoke contains metaloxides, carbon mono oxide, carbon dioxide, hydrocarbon etc.

SECTION 7 : INFORMATION ON TOXICITY

- + acute toxicity of mineral spirit (experiments with rats)
- oral LD 50 > 6000 mg/kg
 - percutaneous LD 50 > 3000 mg/kg
 - inhalation LD 50 >4 hours in a saturated atmosphere
- first signs : headache, dizziness, irritation of the eye
- + acute oral toxicity of a similar Cobalt soap : LD 50 (rat-oral) = 3900 mg/kg (NIOSH -19777)
- + sensitizing of the skin, due to Cobalt may occur.

SECTION 8 : INFORMATION ON ECOLOGICAL EFFECTS

Inhibition or deactivation of the activated sludge of a sewage system is possible, depending on the quantity of product entering the system.

The metal soap can be eliminated from waste water by an oil and fat separator and a flocculation precipitation system.

SECTION 9 : ADDITIONAL INFORMATION

The present information is accurate to the best of our knowledge, but without any guarantee. Users should satisfy themselves on the suitability of this product for their purposes. If necessary they can consult our technical service staff.

The information contained above is correct and complete to the best of our knowledge and are without warranty. It is user's responsibility to make sure that the product is suitable to satisfy their specific requirements.