

5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards: May liberate sulphur dioxide under extreme conditions

Precautions:

Extinguishing media: Water

Not suitable extinguishing media: None

6. ACCIDENTAL RELEASE MEASURES

Adsorb by inert material for landfill disposal and wash affected area well with water, flushing to drain.

7. HANDLING AND STORAGE

Handling: Keep drums tightly closed when not in use.

Storage: Store indoors, avoid freezing conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control: None.

Personal protection: Wear gloves, goggles and overalls when handling this and any other chemical.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: **Straw coloured liquid**

Boiling point [°F]: **100°C**

Density [kg/m³]: **1.2-1.26**

Flashpoint[°C] TCC:

Vapor pressure [mm Hg]:

Pour point [°C]:

Vapor density [air=1]:

Auto-ignition temp [°C]:

Soluble in organic solvent:

Expl.omr. [vol%]

Solubility in water [w-%]: **100%**

pH [concentrate]: **12-13.5**

pH [10 % ig solution in distilled water]:

Rel. evaporation rate:

Ether = 1:

Butylacetate = 100:

Viscosity [cSt]:

Remarks

10. STABILITY AND REACTIVITY

Stability: **Shelf life 12 months, but it will slowly react with oxygen if left open to the atmosphere.**

Avoid blending with: **Strong acids**

Dangerous products of degradation: **Sulphur dioxide**

Dangerous products of combustion: **Sulphur dioxide**

11. TOXICOLOGICAL INFORMATION

Analysis data: **As sulphite/bisulphite it is considered dangerous if ingested due to liberation of sulphur dioxide.**

Remarks:

12. ECOLOGICAL INFORMATION

Analysis data: **Reacts quickly with oxygen to form harmless sulphates.**

Remarks:

13. DISPOSAL CONSIDERATIONS

Recommendations: May be disposed of to landfill or to drain after reaction with oxygen, and dilution with water.

14. TRANSPORT INFORMATION

UN no: 1760 Packaging gr. III

ADR/RID: CLASS 8

IMDG class: 8 Side: EmS no: 8-06

MFAG no: 705

DGR:

Goods description

Others:

15. REGULATORY INFORMATION

Chemical health hazard:

Chemical to the environment:

Inflammable product:

Class:

Explosive product:

Tmsp. class:

Labelling category [-s]:

Symbol [-er]:

Main text:

R-phrase [-s]: R34 - causes burns

S-phrase [-s]: S26 – in case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S28 – after contact with skin, wash immediately with plenty of water, S36/37/39 – wear suitable protective clothing, gloves and eye/face protection, S45 – in case of accident or if you feel unwell, seek medical advice (and show this information where possible).

Contains Catalysed Sodium Bisulphite

Contains Potassium Hydroxide

16. OTHER INFORMATION

FDA approved additive for boilers where the steam from which may contact food packaging or paper.