

PHYSICOCHEMICAL DATA

FORM

Clear liquid. In its concentrated form it has a faint smell.

MOLECULAR WEIGHT

23.8 g-mole/mole

SOLUBILITY

miscible in all proportions

DENSITY

1.195 g/ml

VAPOR DENSITY

2.18E-5 g/ml

VISCOCITY

1.2 cp

BOILING POINT

114oC

MELTING POINT

-52o C

pH

< 1.3

BIO-DEGRADABILITY

Hydrogen peroxide which is its major constituent is readily decompose to water and oxygen; other ingredients are readily biodegradable. All of silver ions present will precipitate as silver

salts.

CARCINOGEN STATUS

Non-mutagenic and non-carcinogenic

phdata

COMBUSTABILITY

Non-flammable. Contact with metals, metal ions, organics, wood, dust, shavings, or dry vegetables may cause combustion.

REACTIVITY

Do not drop or drag containers; solution is shock sensitive. This material is chemically stable with additives.

BLEACHING

At use concentration is non-bleaching and non-discoloring.

NEUTRALIZATION

Can be readily neutralized with sodium bisulphite (NaHSO_3), producing sodium bisulphate (NaHSO_4).