



江苏湘园化工有限公司

JIANGSU XIANGYUAN CHEMICAL CO., LTD.

Technical Data Sheet

XY-OCA

Chemical Name: O-Chloroaniline

Shortened Form: OCA

CAS No: 95-51-2

EC No: 202-426-4

Molecular Formula: C₆H₆ClN

SPECIFICATION & TYPICAL PROPERTIES

Property	Value
Appearance	Colorless or transparent amber color oil liquid
Purity (GC) , %	>99.90
Water content, %	≤0.10
Density(20 °C), g/cm ³	1.21~1.22
Crystallizing point, °C	-2.3
Flash point, C	97
Refractive index (n _D ²⁰)	1.5875 ~1.5885
Solubility	soluble in inorganic acid and most organic solvents, insoluble in water

FEATURES & APPLICATIONS

XY-OCA is an aromatic amine compound, its color becomes dark gradually when being exposed to air. It has slightly ammonia odor and may explode when it is encountered with open flame. It can produce poisonous nitrogen oxides and chlorine gas with the high thermal decomposition.

XY-OCA is widely used as intermediates in fine chemical field such as medicine, agricultural chemicals, pigments, dyes, and chain extenders and curing agent of synthetic materials.

PACKING

250kg net weight in blue polyethylene drums or galvanized iron drum or ISO TANK.

STORAGE

Keep the OCA container tightly sealed. Store it in a cool and ventilated warehouse equipped with fire fighting equipments, and keep far away from fire and heat source. It should not be stored together with antioxidant, acids and edible chemicals. Storage area should have adequate spill response suppliers and suitable asylum materials.

Shelf life of this product is 2 years. If stored over shelf life, it can still be used when the main application properties be qualified by inspecting.