

WORKSafe® STINGER E3031 SAFETY GOGGLES



WORKSafe® Stinger - an acetate anti-fog lens goggle that offers good protection. Its chemical-resistant lens is paired with a soft rubber nose that accommodates most Western and Asian facial profiles.

- Cellulose acetate anti-fog lens by Jepsen-Mazzucchelli, Italy
- 180° panoramic lens
- Soft flexi-rubber nose cushioning
- Integrated air ventilation system and cheek protector
- Fully adjustable headband
- Can be worn over prescription eyewear
- Suitable for use with half-masks and filtering face masks
- Complies with ANSI/ISEA Z87.1-2015, EN166:2001 F and SS473:2011 standards



PRODUCT CODE

310WSE3031-C2

Translucent Clear frame,
Clear AF lens with Black
WORKSAFE® woven headband

SINGAPORE
REGISTERED
DESIGN:
D2013/439/B

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|------------------------|--------------------------|------------------------|---------------------------------------|
| Brand | WORKSafe | Model | STINGER E3031 |
| Type | Safety Goggles | Standards | SS473:2011 |
| Weight | 91g | Complies With | ANSI/ISEA Z87.1-2015, EN166:2001 F |
| Frame Height | 90mm | Lens Thickness | 1.2mm |
| Lens Base Curve | 5 | Lens Coating | Anti-fog Coating (AF) |
| Front Frame | Polyvinyl Chloride (PVC) | Lens | Cellulose Acetate |
| Headband | Woven | Headband Buckle | Polycarbonate (PC) |

CHEMICAL RESISTANCE: CELLULOSE ACETATE

| REAGENTS | USE | | | | | | |
|---------------------------------|-----|---|----|-----------------------------|----|----------------------------------|----|
| Acid Acetic (diluted 5%) | L | Diacetone Alcohol | NR | Isosopropyl Alcohol | L | Potassium Hydroxide (conc. 25%) | NR |
| Acid Acetic (med conc. 25%) | NR | Dichlorometane | L | Isopropyl Ether | L | Potassium Hydroxide (conc. 50%) | NR |
| Acid Acetic (glacial) | NR | Dymethyl Formamide | NR | Kerosene | R | Propanol | R |
| Acetone | NR | Dymethylsulfoxide | NR | Lactic Acid | R | Pyridine | NR |
| Acetonitrile | NR | 1,4 Dioxane | NR | Methyl Acetate | NR | Silicone Oil | R |
| Ammonium Hydroxide (diluted) | NR | Ethers | NR | Methyl Alcohol (conc. 5%) | L | Soap Solution | R |
| Ammonium Hydroxide (med. conc.) | NR | Ethyl Acetate | NR | Methyl Alcohol (conc. 98%) | L | Sodium Carbonate (conc. 2.5%) | R |
| Amyl Acetate | NR | Ethyl Alcohol (conc. 15%) | R | Methyl Cellosolve | L | Sodium Chloride (conc. 10%) | R |
| Amyl Alcohol | R | Ethyl Alcohol (conc. 95%) | L | Methyl Chloride | NR | Sodium Hydroxide (0,1 N) | L |
| Aniline | NR | Ethylene Dichloride | NR | Methyl Ethyl Ketone | NR | Sodium Hydroxide (diluted 5%) | NR |
| Benzene | NR | Ethylene Glycol | L | Methyl formate | NR | Sodium Hydroxide (conc. 25%) | NR |
| Benzyl Alcohol | NR | Ethylene Glycol Monoethyl Ether Acetate | NR | Methyl Isobutil Ketone | NR | Sodium Hydroxide (conc. 50%) | NR |
| Boric Acid | R | Ethylene Oxide | NR | Methylene Chloride | NR | Sodium Hypochlorite (conc. 50%) | NR |
| Brine | R | Formaldehyde (conc. 2%) | L | N-Methyl-2-Pyrrolidone | NR | Sulfuric Acid (diluted 5%) | L |
| Bromoform | NR | Formaldehyde (conc. 30%) | L | Monochlorobenzene | NR | Sulfuric Acid (med conc. 25%) | NR |
| Butyl Acetate | NR | Formic Acid (conc. 25%) | NR | Nitric Acid (diluted 5%) | L | Sulfuric Acid (conc.) | NR |
| Butyl Alcohol | R | Formic Acid (conc. 50%) | NR | Nitric Acid (med conc. 25%) | NR | Tetrachlorethylene | L |
| Butyl Cellosolve | NR | Freon | R | Nitric Acid (conc. 70%) | NR | Tetrahydrofuran | NR |
| Butylaldehyde | NR | Gasoline | R | Nitrobenzene | NR | Toluene | R |
| Calcium Chloride (conc. 2.5%) | R | Glycerine | R | Nitropropane | NR | Trichloroacetic Acid (conc. 25%) | NR |
| Carbon Disulfide | R | Hexane | R | Oils Mineral | R | Trichlorethylene | NR |
| Carbon Tetrachloride | R | Hexanol | L | Oleic Acid | R | Trichlorobenzene | NR |
| Cellosolve | NR | Heptane | R | Ozone | R | Thrichloroethane | L |
| Chloroacetic Acid | NR | Hydrochloric Acid (diluted 5%) | R | Pentane | R | Thrichloroethylene | NR |
| Chloroform | NR | Hydrochloric Acid (conc. 25%) | NR | Perchloric Acid (conc. 25%) | NR | Triethylamine | NR |
| Chromic Acid | NR | Hydrofluoric Acid (conc. 25%) | NR | Perchloroethylene | NR | Turpentine | NR |
| Citric Acid (conc. 10%) | R | Hydrogen Peroxide | R | Petroleum Based Oils | R | Urea (6N) | NR |
| Cresol | NR | Iodine Solutions | NR | Petroleum Ether | R | Water | R |
| Cyclohexane | L | Isobutyl Alcohol | R | Phenol (conc. 10%) | NR | Xylene | NR |
| Cyclohexanone | NR | Isopropanol | L | Phosphoric Acid (conc. 75%) | NR | | |
| | | Isopryl Acetate | NR | Potassium Hydroxide (1N) | L | | |

Key R recommended L limited exposure NR not recommended

CHEMICAL RESISTANCE: ANTIFOG LAYER

| REAGENTS | USE | | | | | | |
|--------------------------------|-----|--------------------------------|----|---------------------------------|----|----------------------------------|----|
| Acid Acetic (diluted 5%) | R | Dymethyl Formamide | L | Lactic Acid | R | Propanol | R |
| Acid Acetic (med conc. 25%) | R | Dymethylsulfoxide | R | Methyl Acetate | R | Pyridine | R |
| Acid Acetic (glacial) | R | 1,4 Dioxane | L | Methyl Alcohol (conc. 5%) | R | Silicone Oil | R |
| Acetone | R | Ethers | R | Methyl Alcohol (conc. 98%) | R | Soap Solution | R |
| Acetonitrile | R | Ethyl Acetate | R | Methyl Cellosolve | R | Sodium Hydroxide (0,1 N) | R |
| Ammonium Hydroxide (diluted) | R | Ethyl Alcohol (conc. 15%) | R | Methyl Chloride | R | Sodium Hydroxide (diluted 5%) | L |
| Ammonium Hydroxide (med conc.) | L | Ethyl Alcohol (conc. 95%) | R | Methyl Ethyl Ketone | R | Sodium Hydroxide (conc. 25%) | L |
| Amyl Acetate | R | Ethylene Dichloride | R | Methyl Formate | L | Sodium Hydroxide (conc. 50%) | NR |
| Amyl Alcohol | R | Ethylene Glycol | R | Methyl Isobutyl Ketone | R | Sodium Hypochlorite | R |
| Aniline | R | Ethylene Oxide | L | Methylene Chloride | R | Sulfuric Acid (diluted 5%) | R |
| Benzene | R | Formaldehyde (conc. 2%) | R | N-Methyl-2-Pyrrolidone | R | Sulfuric Acid (med conc. 25%) | L |
| Benzyl Alcohol | R | Formaldehyde (conc. 30%) | R | Mineral Spirits | R | Sulfuric Acid (conc.) | NR |
| Boric Acid | R | Formic Acid (conc. 25%) | R | Monochlorobenzene | R | Tetrahydrofuran | R |
| Brine | R | Formic Acid (conc. 50%) | R | Nitric Acid (diluted 5%) | R | Toluene | R |
| Bromoform | R | Freon | R | Nitric Acid (med conc. 25%) | NR | Trichloroacetic Acid (conc. 25%) | NR |
| Butyl Acetate | R | Gasoline | R | Nitric Acid (conc. 70%) | NR | Trichlorobenzene | R |
| Butyl Alcohol | R | Glycerine | R | Nitrobenzene | L | Trichloroethane | R |
| Butyl Cellosolve | L | Hexane | R | Nitropropane | L | Trichloroethylene | R |
| Butylaldehyde | R | Hexanol | R | Oils Mineral | R | Triethylamine | R |
| Carbon Tetrachloride | R | Hydrochloric Acid (diluted 5%) | R | Pentane | R | Turpentine | R |
| Cellosolve | L | Hydrochloric Acid (conc. 25%) | NR | Perchloric Acid (conc. 25%) | L | Urea (6N) | R |
| Chloroacetic Acid | R | Hydrofluoric Acid (conc. 25%) | L | Perchloroethylene | R | Water | R |
| Chloroform | R | Hydrogen Peroxide | R | Petroleum Based Oils | R | Xylene | R |
| Chromic Acid | NR | Iodine Solutions | NR | Petroleum Ether | R | | |
| Cresol | R | Isobutyl Alcohol | R | Phenol (conc. 0.5%) | R | | |
| Cyclohexane | R | Isopropanol | R | Phenol (conc. 10%) | R | | |
| Cyclohexanone | R | Isopropyl Acetate | R | Phosphoric Acid (conc. 75%) | NR | | |
| Diacetone Alcohol | R | Isopryl Alcohol | R | Potassium Hydroxide (1N) | L | | |
| Dichlorometane | R | Isopropyl Ether | R | Potassium Hydroxide (conc. 25%) | R | | |
| | | Kerosene | R | Potassium Hydroxide (conc. 50%) | NR | | |

Key R recommended L limited exposure NR not recommended