

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Identity : **AU20 Gold Toner**

Producer / Distributor :

Jay House Ltd, Unit 6b, Park Lane Ind. Estate, Corsham, Wiltshire SN13 9LG, UK. Tel: +44 (0)1249 714555 email: tech@fotospeed.com
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2. COMPOSITION / INGREDIENT INFORMATION

This is a liquid preparation. The main ingredients are

Chemical Name and %w/w

Symbol letter		R-Phrases	S-Phrases	EINEC No	CAS No
THIOUREA	<1%			200-543-5	62-56-6
	Xn Carc. Cat. 3	40 -22			
CHLOR-AURIC ACID	<1%			240-948-4	16903-35-8
	Xi	38			

3. HAZARD IDENTIFICATION

EC classification :

See paragraph 15

Most important hazards :

4. FIRST AID MEASURES

Inhalation : Move the victim to fresh air. Put person in half sitting position and let rest. In all cases seek medical advice

Skin contact : Flush with plenty of water. Remove contaminated clothing. Wash afterwards with water and soap. In extreme cases seek medical advice

Eye contact : Rinse eyes thoroughly with water until irritation stops. In all cases seek medical advice.

Ingestion : Wash mouth with plenty of water. . In all cases seek medical advice

Other : If you feel unwell, seek medical advice (show product label where possible.)

Advice to physician :

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Only use extinguishing media which are compatible with the surrounding materials. Water, waterspray, Carbon dioxide, dry powder, foam, sand.

Unsuitable extinguishing media :All extinguishing media are allowed.

Special exposure hazards : When product is involved in a fire, toxic fumes and smoke will be generated. Do not breathe these fumes

Hazardous decomposition/combustion products :CO₂, CO,

Protective equipment : Use approved positive pressure self-contained breathing apparatus when product is involved in a fire.

Further instructions : Contaminated extinguishing water should be disposed of in a

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :Wear personal protective clothing. (See paragraph 8).

When vapours, aerosols or mists are formed, wear suitable respiratory protection.

Environmental precautions :In case of an accident, avoid release of product into the environment. Prevent product getting into sewerage systems or public waterways. Try to collect as much as possible in an approved container for later disposal

Methods for cleaning up :Action may only be taken when fully protected. Contain the area of spillage. Stop the source of leak. Large amounts should be pumped into a container. Small amounts can be collected with absorbing materials. Small remaining leftovers may be washed away with large amounts of water

7. HANDLING AND STORAGE

Handling : Working areas and methods should be organised in such a way that direct contact is avoided.Wear protective clothing. Emergency shower and eye rinse facilities must be accessible. When handling chemicals, do not eat, drink or smoke.

Fire and explosion prevention :This preparation contains a lot of water and does not show any flammable or explosive properties. No special fire and explosion prevention procedures are necessary.

Storage requirements :Store in a dry cool, well ventilated place away from all sources of ignition and heating. Keep the package closed if not in use.

Other information : Always store in the original container. Do not use the empty contaminated container for any other purposes

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls : Ensure good ventilation and local exhaustion of the working area.

Exposure limits :

Personal protection :

Inhalation : Normally a local ventilation is sufficient to keep airborne concentration of chemicals at a low level. Inhalation of vapour or dried residue causes respiratory irritation.

Skin contact : Wear impervious gloves.

Eye contact : Wear close fitting safety goggles.

Ingestion : When handling chemicals do not eat, drink or smoke.

Other information : Always follow the mixing instructions strictly when water or other solutions have to be added to the preparation. Avoid breathing mist or vapour. Avoid contact with eyes and skin. Handle with care.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Colour	: Colourless
Odour	: Slight
Boiling point/range	: Not determined
Melting point/range	: Not relevant
Flash point	: Not relevant

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Flammability	: Not relevant
Autoignition temperature	: Not relevant
Explosive limits lower	: Not relevant
Oxidising properties	: Not determined
Vapour pressure (20deg C)	: Not determined
Density (20deg C)	: 1.0

Solubility in water (25deg C)	: Completely
Solubility in other solvents (25deg C)	: Not determined
pH value (25deg C)	: 5
pH solution in water	: Not determined
Partition coefficient n-octanol/water	: Not determined
Viscosity	: As water
Other information	: -

10. STABILITY AND REACTIVITY

Stability : The product is stable under normal storage conditions

Conditions to avoid :

Materials to avoid :

Hazardous decomposition products Only when the product is involved in a fire, or when it is handled incorrectly, is there a possibility that decomposition products will be generated. (See paragraph 5)

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

THIOUREA LD50 (ORAL RAT) =125/mg/kg

Different routes of exposure, health warnings

Inhalation : Avoid breathing mist, vapour or aerosols. Ventilate as required to keep concentrations low. May cause respiratory irritation.

Skin contact : Avoid contact with skin.

Eye contact : May cause irritation

Ingestion : In quantities greater than 1% Thiourea is harmful by ingestion, with systemic effects. Possible liver damage. If swallowed seek medical advice

Other information : Thiourea - chronic effects: Carcinogen Cat 3

Experience with humans :

12. ECOLOGICAL INFORMATION

Information about elimination

Information about environmental compartments :

Ecotoxicity :

Other information :

13. DISPOSAL CONSIDERATIONS

Product or contaminated product Dispose of leftovers, waste or contaminated products in accordance with local and national regulations.

Contaminated package : Contaminated package should be disposed of in accordance with local and national regulations.

Other information : We recommend the separation of any waste resulting from this product. It can be dangerous when different photographic products are mixed together

14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

Chemical identity :

Warning sign EC : -

Symbol(s) :

R(isk) phrase(s) :

S(afety) phrase(s) :

Exposure limits :

Other information :-

16. OTHER INFORMATION

The above mentioned information corresponds to our present knowledge and therefore does not guarantee certain properties. The safety data sheet serves as a description of the product in regards to necessary safety measures. Recipients of our product must take responsibility for observing existing laws and regulations.