



Material Safety Data Sheet (MSDS)

Product Name:	Colloidal Silver Generator: IDD DEMETER
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1. Product - Company information	
A. Product	Colloidal Silver Generator
Model.	IDD DEMETER
B. Purpose of product and restriction	
Purpose of product	Sterilization and Sanitation
Restrictions of use	Do not consume by human
C. Manufacturer's information	
Company	IDD Group
Address	Hantverkaregatan 14, SE–44432 Stenungsund, Sweden
Emergency contact	info@iddab.com +46 70 322 90 75

2. Components and Contents			
Substance	CAS No.	Contents %)	Remark
Silver	7440-22-4	0.0000001~0.000005%	Ag +
WATER	7732-18-5	99.999999~99.999995 %	

3. Safeness·Dangerousness	
A. Health Safetness Information	
Acute Toxicity	
Oral Toxicity	None
Skin irritation	None
EYE Irritation	None
Respiratory irritation	None
Carcinogenicity	None
Industrial safety law	None
Ministry of employment and labor	None
IARC	None
OSHA	None
ACGIH	None
NTP	None
EU CLP	None
Reproductive cell alteration	None
Reproductive toxicity	None
Specific organ toxicity (one time expose)	None
Specific organ toxicity (repetitive expose)	None
inhale toxicity	None



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4. First Aid	
A. First aid after eye contact	If irritation occurs, please wash your eyes and skin with water. Consult and get medical attention
B. First aid after skin contact	If irritation occurs, please wash your eyes and skin with water. Consult and get medical attention
C. First aid after ingestion	Get medical attention if irritation occurs

5. Fire-fighting measures	
A. Suitable extinguishing media	Foam, dry chemical powder, carbon dioxide, sand or earth
B. Specific harmfulness from chemical	Can separated with hot temperature and create toxic gas
C. Special protective equipment	Wear suitable protective gears Have safe distance and extinguish fire

6 Exposure controls and personal protection	
A. Chemical substance expose standard, biological expose standard, etc.	
European regulation	None
ACGIH regulation	None
Biological expose standard	None
B. Suitable engineering control	None
C. Suitable engineering control	None
D. Personal protection	None
E. Respiratory protection	None

7. Physical characteristics	
A. Exterior	
Appearance	Colloidal Silver
Color	No color or light gray
B. Smell	None
C. Smell value	None
D. pH	7
E. Melting point/freezing point	None
F. Boiling point	None
G. Inflammation point	None
H. Evaporating rate	None
I. Flash test	None
J. Exploding value	None
K. Steam pressure	None
L. Solubility	None
M. Steam density	None
N. Weight	None
O. 1-Octanol/water	None
P. Natural inflammation	None
Q. Disassemble temperature	None
R. Viscosity	None
S. Molecular weight	None



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8. Ecological information	
A. Ecological toxicity	
Fish	None
Crustacean	None
Bird	None
B. Residue and Resolvability	
Residue	None
Resolvability	None
C. Biological concentration	
Concentration	None
Biological decompose	None
D. Soil condition	None
E. Other toxicity effect	None

9. Transportation information	
A. (UN No.)	N/A
B. Vessel information	N/A
C. Harmful level	N/A
D. Container level	N/A
E. Sea pollution level	N/A

10. Restriction law information	
A. Restriction from industrial safety law	None
B. Restriction from chemical control law	None
C. Restriction from hazard control law	None
D. Restriction from waste control law	None
E. Others, domestic and foreign laws	
Domestic/European Law	
Residue contaminants control law	None
Foreign law	
OSHA regulation	None
CERCLA regulation	None
EPCRA 302	None
EPCRA 304	None
EPCRA 313	None
USA control information (Rotterdam)	None
USA control information (Stockholm)	None
USA control information (Montreal)	None
EU information (confirmation phrase)	None
EU information (Warning phrase)	None
EU information (Safety phrase)	None



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16. Other information	
A. Date of issue	2016-06-03
B. Revision time and Revision Date	
Revision Time	N/A
Revision Date	N/A
C. Others	<p>This is a product that generates colloidal silver from ground water or tap water. It is not possible to know the condition of water in the regions that are using this machine, so we DO NOT recommend the generated colloidal silver to be consumed by human.</p> <p>Also, we cannot guarantee the safeness and dangerousness for colloidal silver generated because we cannot know the condition of water that is used from the region that are installed/using this product.</p>