

SAFETY DATA SHEET(SDS)

Section 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product : **Platinum compounds**

Product Code(s) : 2150042, 2150043, 2150045, 2150046, 2150048, 2150049

Name, address, and telephone number of the manufacturer :

Gesswein

201 Hancock Ave., Bridgeport, CT 06605

Telephone number: 203-366-5400

Recommended use: Buffing / Polishing

Emergency Number: CHEMTELL 800-255-3924
:

Section 2. HAZARD IDENTIFICATION

GHS Classification



Signal word **DANGER!**

Hazard statement(s)

Danger : 29.3% of substances corresponding to combustible individuals are included under the Fire Service Law

Harmfulness : Aluminum oxide is set in the US OSCA¹ and ACGIH² as well as other compounds having material irritancy tolerable concentration (TLV).
Monocarboxylic acid is natural oil and non-harmful.

Environmental hazards: For aluminum oxide, if there is a large amount of aluminum oxide mixed in fine particle water, there is a possibility of pollution. For monocarboxylic acid triacyl glycerine, those judged to be decomposable for those judged to be decomposed well

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Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>CAX NO.</u>	<u>MITI NO.</u>	<u>Concentration (%)</u>	<u>PRTR Law</u>
Aluminum Oxide	1344-28-1	1-23	70.7 %	Not applicable
Fatty acid (animal)	57-10-3	2-608	25.8 %	Not applicable
(vegetable)	57-11-4		2.8 %	Not applicable
(other wax an etc.)		8-518	0.7 %	Not applicable
Triacylglycerine(Hydrogenated oil)				Not applicable

Section 4. FIRST-AID MEASURES

Eye contact :	Rinse cautiously with clean water for several minutes. Remove contact lenses, if still irritate, get continue rinsing and medical attention/advice.
Skin contact :	Remove /Take off immediately all contaminated by clean clothing. Rinse skin immediately with water/shower.
Inhalation :	Move person into fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, get medical attention/advice.
Ingestion :	Rinse mouth immediately with clean water, call a doctor immediately

Section 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media :	In case of initial fires, use fire-extinguishing powder/form, carbon dioxide or dry sand. In case of larger fires, effective to shut off air using fire-extinguishing foam and others.
Unsuitable extinguishing media :	Using water maybe dangerous to spread fires.

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Section 6. ACCIDENTAL RELEASE MEASURES

Personal precaution, protective equipment and emergency procedures.:

Evacuate non-essential personnel, authorized personnel only.
Wear proper protective equipment(Gloves/Goggles/Clothing and high boots)

Small amount exposed : If there are any flammable item around, take it out to outdoor. Take is out with cleaning cloth.

Large amount exposed : If dissolution, apply san to prevent it flown out, then recall after cool it down.

Environmental precautions : Do not discharge into rivers or seas.
Do not wash away directly into drains, sewers, waterways, confined spaces.

Method and material for containment and cleaning up: Collect spilled material into empty containers.

Section 7. HANDLING AND STORAGE

HANDLING

Technical countermeasure : Ensure the ventilation of the workplace and do enough ventilation. Provide a local exhaust system if necessary. Do not generate volatile steam so as not to leak, overflow and scatter.

It is desirable to place facilities for hand washing faces at resting places.
Do not smoke, eat or drink except in the designated place. Do not use fire, firework, arc, hot spot source at the handling place. Avoid Fire, do not heat up and tools must be of for Firework use.

Safety handling precautions : When handling, work it in the place having air ventilation. Wear the protective cloth and mask. The empty container must be kept in the registered area.

STORAGE

Technical countermeasure : Install the equipment of lighting, ventilation and necessary daylighting to handle.

Incompatible substances : Refer to "Section 10 STABILITY AND REACTIVITY"

Storage condition : Keep away from high heat and store in a well ventilated/cool place.

Packing materials : Use a break-proof package

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Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Facility measures : Ventilate to avoid inhalation of dust

Personal protective equipment

Respiratory protection: Wear appropriate respiratory protective equipment, dust-proof mask and others

Hand protection : Wear appropriate protective gloves, leather gloves and others.

Eye protection : Wear protective glasses(ordinary glasses type, goggle type and others)

Skin and body protection: Wear protective clothing and safety shoes.

General hygiene considerations : Do not smoke, eat and drinking during handling. Wash hands and eyes and gargle after handling product.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Solid

Color : White or Gray

Odor Slight odor, Fatty acid like

pH Neutral

Melting point : 55°C

Flash point : 180 – 230°C

Explosion limit : No data

Specific gravity : 2(25°C)

Vapor pressure : No data

Vapor density : No data

Relative density : No data

Solubility : Insoluble in water

Partition coefficient : No data

Auto-ignition temperature : No data

Decomposition temperature : No data

SAFETY DATA SHEET(SDS)**Section 10. STABILITY AND REACTIVITY**

Stability / Reactivity :	Stable under normal conditions.(Room temperature) Get salt reacted with alkaline but harmless
Possibility of hazardous reaction :	Never
Oxidizing :	Never
Dust explosion :	Never
Conditions to avoid :	Spread of dust
Incompatible materials :	Do not store together with acid/alkaline materials
Hazardous decomposition products :	Nothing

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity :	
Routes of entry inhalation :	RAT LD ₅₀ ; 4,640 mg/kg (Stearic acid)
Routes of entry skin & eye :	No data
Routes of entry ingestion :	No data
Routes of exposure skin absorption :	No data
Serious eye damage / Eye irritation :	No data
Respiratory sensitization :	No data
Skin sensitization :	No data
Gen cell mutagenicity :	No data
Carcinogenicity :	No data
Reproductive toxicity :	No data
Specific target organ effects :	No data

Section 12. ECOLOGICAL INFORMATION

Bioaccumulation : No data

Biodegradability : No data

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Section 13. DISPOSAL CONSIDERATION

In addition to the "Section 5. HANDLING AND STORAGE", it should be disposed by the applicable rules. Leave it to a specialized waste disposal contractor with permission of the prefectural governor

Section 14. TRANSPORTATION INFORMATION

International agreement :	Follow the rules, by air "LATA" rules, by sea "IMO" rules.
United nations :	Not applicable
Domestic agreement :	
Land regulation information :	Follow the shipping method stipulated in the Road Traffic Act, Fire law, Occupational safety and Health Act. Etc.
Maritime regulation information :	Follow the shipping method prescribed by the ship safety law
Air regulatory information :	Follow the shipping method stipulated in the Aviation law.
Marine transportation and Air transportation :	Non-hazardous materials

Section 15. REGULATORY INFORMATION

Dangerous goods of Fire law :	Designated combustibles (combustible solids)
Chemical substance emission grasp management promotion law:	Not applicable
Poisonous and Deleterious Substitution Control Law:	Not applicable
Occupational Safety and Health Act:	Not applicable
Law on marine pollution control:	Appended Table 1 Ordered Table 1 Harmful liquid substances (Y) Fatty acids (limited to those with carbon numbers from 8 to 10 or 12 or more and mixtures thereof)
Ship safety law :	Not applicable
Aviation law :	Not applicable

Section 16. OTHER INFORMATION

Since all chemicals may have unknown hazards, assessment of hazards is not necessarily sufficient, please be careful about handling.

In addition, because the notes are intended for ordinary handling, when using special handling, please be sure to apply safety measures appropriate for the purpose of usage and responsibility at the responsibility of the users. Content, physicochemical properties, hazards are reference information and do not constitute any compensation.