Substance number: 7254.0000

Version: 1 / WORLD Replaces Version: - / WORLD Date revised: 05.05.2025 Print date: 30.06.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Gold Plating Bath JE250 - 12 g/L Au

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Galvanic Bath, do not use for private purposes, Food, beverages and animal feed.

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Jentner Plating Technology GmbH Johann-Staib-Straße 2 75179 Pforzheim Telephone no. +49 (0)7231/4180940 Information provided Laboratory department; Opening hours 8:00-16:00 by / telephone E-mail address of sales@jentner.de person responsible for this SDS

1.4. Emergency telephone number

Poisoning Information Center Freiburg: +49(0)761/19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H302
Acute Tox. 4	H332
Skin Corr. 1B	H314
Eye Dam. 1	H318
Skin Sens. 1	H317
Carc. 1B	H350i
Aquatic Chronic 3	H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Hazard statements



Date revised: 05.05.2025 Print date: 30.06.2025

Trade name: Gold Plating Bath J	JE250 - 12 g/L Au
	Version: 1 / WORLD
Substance number: 7254.0000	Replaces Version: - / WORLD
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H350i	May cause cancer by inhalation.
11440	I have a first the second in the south have a location of a star

H412 Harmful to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract. **Precautionary statements**

recautionary staten	
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
	lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

potassium hydroxide; Potassium gold-I-cyanid (68,2% Au); Cobalt sulphate, heptahydrate

Supplemental information

Further supplemental information

Restricted to professional users

2.3. Other hazards

contains

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Citric acid, monohydrate

onthe acid, mononyura	10				
CAS No.	5949-29-1				
EINECS no.	201-069-1				
Registration no.	01-2119457026-42	2			
Concentration	>= 1		<	10	%
Classification (Regulat	ion (EC) No. 1272/2	2008)			
	Eye Irrit. 2	,	H319		
	STOT SE 3		H335		
notassium hydroxido					
potassium hydroxide					
CAS No.	1310-58-3				
EINECS no.	215-181-3				
Registration no.	01-2119487136-33	3			
Concentration	>= 2		<	3	%
Classification (Regulat	ion (EC) No. 1272/2	2008)			
	Acute Tox. 4		H302		
	Skin Corr. 1A		H314		
	Met. Corr. 1		H290		
	-				
Concentration limits (R	equiation (EC) No.	1272/2	2008)		
-),5 < 2 %	
	Skin Corr. 1A				
		1014		, ,0	



Trade name: Gold Plating Bath	n JE250 - 12 g/L Au				
	Version:	1 / WORLI	D		Date revised: 05.05.202
Substance number: 7254.0000	Replaces	Version: -	- / WORL	D	Print date: 30.06.202
ATE ora	Skin Corr. 1B H314 Skin Irrit. 2 H315 I		< 5 % 5 < 2 % mg/kg	a	
Potassium gold-I-cya			0.	0	
CAS No. EINECS no. Registration no. Concentration	13967-50-5 237-748-4 01-2120130777-52 >= 1,4 lation (EC) No. 1272/2008)	< 2	2,5	%	
Classification (Regu	Met. Corr. 1 Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 1 Acute Tox. 2 Acute Tox. 2 Aquatic Acute 1 Skin Sens. 1	H290 H315 H318 H410 H300 H330 H400 H317			
	l mal alative, Dust/Mist	29 100 0,05	mg/kg mg/kg mg/l	-	
Cobalt sulphate, hep CAS No. EINECS no.	tahydrate 10026-24-1 233-334-2				
Concentration Classification (Regu	>= 0,1 lation (EC) No. 1272/2008) Acute Tox. 4 Resp. Sens. 1 Skin Sens. 1 Muta. 2 Carc. 1B Repr. 1B Aquatic Acute 1 Aquatic Chronic 1	< 0 H302 H334 H317 H341 H350i H360F H400 H410),25	%	
Concentration limits	(Regulation (EC) No. 1272/ Carc. 1B H350		01 %		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. Remove affected person from danger area. Seek medical advice immediately.

After skin contact

Wash off immediately with soap and water. Seek medical advice immediately.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.

After ingestion

Call in a physician immediately and show him the Safety Data Sheet. Rinse mouth thoroughly with water.

Substance number: 7254.0000

Version: 1 / WORLD Replaces Version: - / WORLD Date revised: 05.05.2025 Print date: 30.06.2025

Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid First aider: Pay attention to self-protection!

- **4.2. Most important symptoms and effects, both acute and delayed** Until now no symptoms known so far.
- 4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Observe manufacturer's / distributor`s instructions.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain and dispose of contaminated wash water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Containers in which spilt substance has been collected must be adequately labelled. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Version: 1 / WORLD Replaces Version: - / WORLD

Date revised: 05.05.2025 Print date: 30.06.2025

Advice on safe handling

Substance number: 7254.0000

Avoid formation of aerosols. Perform filling operations only at stations with exhaust ventilation facilities. Provide suitable exhaust ventilation at the processing machines. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Hints on storage assembly

Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510 6.1D

Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects

Further information on storage conditions

Keep under lock and key or accessible only to specialists or people who are authorized.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)

potassium hydroxide Type of value Reference group Route of exposure Mode of action Concentration	Derived No Effect Level (DNEL) Worker inhalative Local effects = 1	mg/m³
Potassium gold-I-cyanid (68,2%	Au)	
Type of value	Derived No Effect Level (DNEL)	
Route of exposure	dermal	
Mode of action	Chronic effects	
Concentration	= 0,1	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Route of exposure	inhalative	
Mode of action	Chronic effects	
Concentration	= 0,071	mg/m³
Predicted No Effect Concentra	ation (PNEC)	
Potassium gold-I-cyanid (68,2%	Au)	

 olassium yolu-i-cyamu (66,2 %	, Au)		
Type of value	PNEC		
Туре	Freshv	vater	
Concentration	=	0,2	µg/l
Type of value Type	PNEC Freshv	vater sediment	
51			



Trade name: Gold Plating Bath JE250 - 12	g/L Au	
	Version: 1 / WORLD	Date revised: 05.05.2025
Substance number: 7254.0000	Replaces Version: - / WORLD	Print date: 30.06.2025
Concentration	= 0,33	mg/kg
Type of value Type Concentration	PNEC Water (intermittent release) = 2	μg/l
Type of value Type Concentration	PNEC Sewage treatment plant (STP) = 6	mg/l
Type of value Type Concentration	PNEC Soil = 0,067	mg/kg
Type of value Type Concentration	PNEC Saltwater = 0,02	μg/l
Type of value Type Concentration	PNEC Marine sediment = 0,033	mg/kg

8.2. Exposure controls

General protective and hygiene measures

Hold emergency shower available. Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Storage of foodstuffs in work rooms is forbidden. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Chemical resistant gloves Appropriate Material neoprene

Eye protection

Safety glasses with side protection shield; Face shield

Body protection

Clothing as usual in the chemical industry. Protective shoes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	pink
Odour	odourless
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Boiling point or initial boil	ing point and boiling range
Remarks	not determined
Flammability	



	40	-				
Trade name: Gold Plating Bath JE250	-			D		Data raviando OF OF OO
Substance number: 7254.0000		Version: 1			,	Date revised: 05.05.20 Print date: 30.06.20
Substance number. 7234:0000		Replaces	version.	- / WORLD)	
evaluation	not de	etermined				
Upper and lower explosive	limits					
Remarks	not de	etermined				
Flash point						
Remarks	Not a	oplicable				
Ignition temperature						
Remarks	not de	etermined				
Decomposition temperatur	е					
Remarks	not de	etermined				
pH value						
Value	=	3,8	to	4,2		
Viscosity						
Remarks	not de	etermined				
Solubility(ies)						
Remarks	not de	etermined				
Partition coefficient n-octa	nol/water	່ (log valເ	ıe)			
Remarks	not de	etermined				
Vapour pressure						
Remarks	not de	etermined				
Density and/or relative den	sity					
Value	=	1,035	to	1,045	g/ml	
Relative vapour density						
Remarks	not de	etermined				
9.2. Other information						
Odour threshold						
Remarks	not de	etermined				
Evaporation rate (ether = 1						
Remarks	•	etermined				
Solubility in water						
Remarks	not de	etermined				
Explosive properties						
evaluation	not de	etermined				
Oxidising properties						
Remarks	not de	etermined				
Other information None known						

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

Safety data sheet in accordance w	ith regula	ation (EC)	No 1907/2006		JENT NER MEALUREDELING
Trade name: Gold Plating Bath JE250) - 12 a/l	Αιι			81
	129,21		1 / WORLD		Date revised: 05.05.2025
Substance number: 7254.0000		Replaces	s Version: - / WORLI	D	Print date: 30.06.2025
10.4. Conditions to avoid No hazardous reactions kn	own.				
10.5. Incompatible materials None known	6				
10.6. Hazardous decompos Toxic gases/vapours, Irritar	-				
SECTION 11: Toxicologi	cal info	ormatio	<u>n</u>		
11.1 Information on hazard Acute oral toxicity	classes	as defin	ed in Regulation	n (EC) No 1	272/2008
ATE		1.499,96 83		mg/kg	
Method	calcula		Regulation (EC) No.	1272/2008)	
Acute oral toxicity (Comp		,	,	,	
potassium hydroxide Species LD50	rat	333		mg/kg	
Potassium gold-I-cyanid (6 Species LD50	8,2% Au) rat =	29		mg/kg	
Acute dermal toxicity		5.684,40		mg/kg	
Method	coloulo	2 tod value (Regulation (EC) No.		
Acute dermal toxicity (Co		,		1212/2000)	
Potassium gold-l-cyanid (6	•	,			
Species LD50	guinea =	pig 5		mg/kg	
Acute inhalational toxicity	/				
ATE Administration/Form	Dust/M	2,8422 list		mg/l	
Method Remarks	calcula	ted value (Regulation (EC) No. criteria are met.	1272/2008)	
Acute inhalative toxicity (Compon	ents)			
Potassium gold-I-cyanid (6 Species LC50	8,2% Au) rat =	0.05		ma/l	
Duration of exposure	-	0,05 4	h	mg/l	
Skin corrosion/irritation					
evaluation Remarks	corrosi The cla		criteria are met.		
Serious eye damage/irrita	tion				
evaluation Remarks	corrosi The cla		criteria are met.		
Sensitization evaluation Remarks			ization by skin conta criteria are met.	ct.	
Remarks		າວວາກເວສແດນ	UNIENA ALE MEL.		



	Version: 1 / WORLD	Date revised: 05.05.202
Substance number: 7254.0000	Replaces Version: - / WORLD	Print date: 30.06.202
Subacute, subchronic, c	hronic toxicity	
Remarks	not determined	
Mutagenicity		
Remarks	Based on available data, the classification crite	eria are not met.
Reproductive toxicity	,	
Remarks	Based on available data, the classification crite	eria are not met.
Carcinogenicity		
evaluation	May cause cancer by inhalation.	
Remarks	The classification criteria are met.	
Specific Target Organ To	oxicity (STOT)	
Single exposure		
Remarks	Based on available data, the classification crite	eria are not met.
Repeated exposure		
Remarks	Based on available data, the classification crite	eria are not met.
Aspiration hazard		
Based on available data, t	the classification criteria are not met.	
11.2 Information on other h	nazards	
Endocrine disrupting pro	operties with respect to humans	
	tain a substance that has endocrine disrupting prop	perties with respect to
humans.		
Experience in practice		
Inhalation may lead to irrit	ation of the respiratory tract.	
Other information		
NI_ Accelerations in the first of		
No toxicological data are a	avaliadie.	
-		
-		
-		
SECTION 12: Ecologica		
SECTION 12: Ecologica		
SECTION 12: Ecologica 12.1. Toxicity General information not determined	<u>l information</u>	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr	<u>l information</u>	
SECTION 12: Ecologica 12.1. Toxicity General information not determined	<u>l information</u>	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined	<u>l information</u> radability	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote	<u>l information</u> radability	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information	<u>l information</u> radability	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined	<u>I information</u> radability	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc	<u>I information</u> radability ential	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc Remarks	<u>I information</u> radability	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc	<u>I information</u> radability ential	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc Remarks	<u>I information</u> radability ential	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc Remarks 12.4. Mobility in soil	<u>I information</u> radability ential	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc Remarks 12.4. Mobility in soil General information	I information radability ential etanol/water (log value) not determined	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc Remarks 12.4. Mobility in soil General information not determined 12.5. Results of PBT and v	I information radability ential etanol/water (log value) not determined	
SECTION 12: Ecologica 12.1. Toxicity General information not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc Remarks 12.4. Mobility in soil General information not determined	I information radability ential etanol/water (log value) not determined	

Substance number: 7254.0000

Version: 1 / WORLD Replaces Version: - / WORLD Date revised: 05.05.2025 Print date: 30.06.2025

Results of PBT and vPvB assessment

The product contains no PBT substances The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the envrionment

The product does not contain a substance that has endocrine disrupting properties with respect to nontarget organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name		-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Other information

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).



Trade name: Gold Plating Bath JE250 - 12 g/L Au

Version: 1 / WORLD Replaces Version: - / WORLD Date revised: 05.05.2025 Print date: 30.06.2025

15.2. Chemical safety assessment

Substance number: 7254.0000

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Reg

gulation (EC) No. 1272/2008)	
Acute Tox. 4	H302	Calculation method
Acute Tox. 4	H332	Calculation method
Skin Corr. 1B	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method
Carc. 1B	H350i	Calculation method
Aquatic Chronic 3	H412	Calculation method

Hazard statements listed in Chapter 2/3

azaru statements nsteu in onapter 2/3			
H290	May be corrosive to metals.		
H300	Fatal if swallowed.		
H302	Harmful if swallowed.		
H314	Causes severe skin burns and eye damage.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H330	Fatal if inhaled.		
H332	Harmful if inhaled.		
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.		
H335	May cause respiratory irritation.		
H341	Suspected of causing genetic defects.		
H350i	May cause cancer by inhalation.		
H360F	May damage fertility.		
H400	Very toxic to aquatic life.		
H410	Very toxic to aquatic life with long lasting effects.		
H412	Harmful to aquatic life with long lasting effects.		

CLP categories listed in Chapter 2/3

Acute Tox. 2	Acute toxicity, Category 2	
Acute Tox. 4	Acute toxicity, Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1	
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3	
Carc. 1B	Carcinogenicity, Category 1B	
Eye Dam. 1	Serious eye damage, Category 1	
Eye Irrit. 2	Eye irritation, Category 2	
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1	
Muta. 2	Germ cell mutagenicity, Category 2	
Repr. 1B	Reproductive toxicity, Category 1B	
Resp. Sens. 1	Respiratory sensitization, Category 1	
Skin Corr. 1A	Skin corrosion, Category 1A	
Skin Corr. 1B	Skin corrosion, Category 1B	
Skin Irrit. 2	Skin irritation, Category 2	
Skin Sens. 1	Skin sensitization, Category 1	
STOT SE 3	Specific target organ toxicity - single exposure, Category 3	

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a

Trade name: Gold Plating Bath JE250 - 12 g/L Au



Substance number: 7254.0000

Version: 1 / WORLD Replaces Version: - / WORLD Date revised: 05.05.2025 Print date: 30.06.2025

guarantee for any specific product properties and shall not establish a legally valid relationship.