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According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

1.1. Product identifier

Product name Nasiol CleaRub 705

Product description High performance cutting compound.

Other means of UFI: Not applicable.

identification

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

Identified uses Automotive car care.

Uses advised againstNo specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Artekya Teknoloji Limited Şirketi

Ziyagokalp Mah. Heskop San. Sit. M10/189 34490 Basaksehir – Istanbul / TURKEY

Tel: +90 (212) 670 13 95 info@artekya.com

1.4. Emergency telephone number

Emergency telephone Artekya Tel: +90 (532) 769 44 27

+90 (212) 670 13 95

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards The product is not classified as physically hazardous.

Health hazards The product is not classified as hazardous for health.

Environmental hazards The product is not classified as environmentally hazardous.

2.2. Label elements

Precautionary statements P102 Keep out of reach of children.

Special labelling for certain EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one

mixtures (EG No. 247-500-7) and 2 -methyl-2H-isothiazol-3-one (EG No. 220-

239-6) (3:1).. May produce an allergic reaction. EUH210 Safety data sheet available on request.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Endocrine-disrupting properties: The product fails to meet the criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance Name	Identification Numbers	Classification	Concentration (wt%)
	CAS Number: 64742-48-9 EC Number: 918-481-9	Asp. Tox. 1 – H304 EUH066	10 - <15%





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white mineral oil (petroleum)	CAS Number: 8042-47-5 EC Number: 232-455-8	Asp. Tox. 1; H304	5-<10%
mixture of 5-chloro- 2-methyl-2H- isothiazol-3-one (EG No. 247-500-7) and < 2-methyl-2H- isothiazol-3-one (EG No. 220-239-6) (3:1)	CAS Number: 55965-84-9 EC Number: 611-341-5	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071	< 0.1 %

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information	Get medical attention immediately. Show this Safety Data Sheet to th	
	medical personnel.	
Inhalation	Remove affected person from source of contamination. Move	
	affected person to fresh air and keep warm and at rest in a position	

comfortable for breathing. Maintain an open airway. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the

recovery position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can

take place.

Skin contact Wash skin thoroughly with soap and water or use an approved skin

> cleanser. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical

attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses

and open eyelids wide apart. Continue to rinse for at least 10 minutes.

Protection of first aiders First aid personnel should wear appropriate protective equipment

> during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid

personnel to carry out mouth-to-mouth resuscitation.

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4.2. Most important symptoms and effects, both acute and delayed

General information See Section 11 for additional information of health hazards. The severity

of the symptoms described will vary dependent on the concentration

and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory

system.

Ingestion Gastrointestinal symptoms, including upset stomach. Fumes from the

stomach contents may be inhaled, resulting in the same symptoms as inhalation. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Skin contact May cause an allergic skin reaction.

Eye contact May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing The product is not flammable. Extinguish with foam, carbon dioxide,

dry powder or media water fog.

Unsuitable extinguishing Do no

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No special measures are necessary.

5.3. Advice for firefighters

Protective actions during Avoid breathing fire gases or vapors. Evacuate area. Cool containers

exposed to **firefighting**heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify

appropriate authorities.

Special protective Wear positive-pressure self-contained breathing apparatus (SCBA)

and **equipment for firefighters** appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a

basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken without appropriate training or involving any

personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of



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> this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Immiscible with water. Spills may have hazardous effects on the

environment. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data

> sheet. Clear up spills immediately and dispose of waste safely. Small spillages: Collect spillage. Large spillage: Absorb spillage with noncombustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see

Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional

information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling No special measures are necessary. Minimum standard for

preventive measures while handling with working materials are

specified in the TGRS 500.

Advice on protection

No special fire protection measures are necessary. Only use the against fire and explosion material in places where open light, fire and other flammable

sources can be kept away.

Further information on

handling

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke, eat or drink. Avoid contact

with skin, eyes and clothes. Avoid breathing

dust/fume/gas/mist/vapors/spray.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Store

locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The

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storage area floor should be leak-tight, jointless and not

absorbent.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) Automotive care products.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Exposure Limits (EH40)

Substance Name	CAS No	ppm	mg/m³	Fibers/mL	Category	Origin
Aluminum Oxides, respirable dust	1344-28-1	ı	4		TWA (8h)	WEL
Glycerol, mist	56-81-5	-	10		TWA (8h)	WEL

DNEL/DMEL values

Substance Name	CAS No		
DNEL type	Exposure Route	Effect	Value
white mineral oil (petroleum)	8042-47-5		
Consumer DNEL, long-term	inhalation	systemic	35 mg/m ³
Consumer DNEL, long-term	dermal	systemic	93 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	160 mg/m ³
Worker DNEL, long-term	dermal	systemic	220 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	40 mg/kg bw/day
aluminum oxide	1344-28-1		
Consumer DNEL, long-term	oral	systemic	3.29 mg/kg bw/day
Worker DNEL, long-term	inhalation	local	15.63 mg/m3
glycerol	56-81-5		
Consumer DNEL, long-term	oral	systemic	229 mg/kg bw/day
Worker DNEL, long-term	inhalation	local	56 mg/m3
Consumer DNEL, long-term	inhalation	local	33 mg/m3

PNEC values

Substance Name	CAS No	
Environmental compartment		Value
aluminum oxide	1344-28-1	
Fresh water		0.0749 mg/L
Micro-organisms in sewage trea	tment plants (STP)	20 mg/L
glycerol	56-81-5	
Fresh water		0.885 mg/L
Marine water		0.00885 mg/L
Fresh water sediment	3.3 mg/kg	
Marine sediment		0.33 mg/kg
Soil		0.141 mg/kg

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8.2. Exposure controls Protective equipment







Appropriate engineering

Provide adequate ventilation. Personal, workplace environment or biological

controls

monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimize exposure.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures

Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

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Preventive industrial medical examinations should be carried out. Warn

cleaning personnel of any hazardous properties of the product.

Respiratory protection Respiratory protection complying with an approved standard should

be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European

Standard EN140.

Environmental exposure Keep container tightly sealed when not in use.

controls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Viscous Liquid.

Colour Whitish.

Odour Characteristic.

Odour threshold No information available.

pH 8

Melting point No information available.

Initial boiling point and 100°C @4 mmHg.

range

Flash point >61°C.

Evaporation rate No information available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability 7% v/v (upper), 0.5% v/v (lower).

or explosive limits

Vapor pressure 0,6 hPa Vapor density >2.52.

Relative density No information available.

Density 0,99 g/cm³. Partition coefficient n- Not applicable.

octanol/water 20°C

Solubility(ies) Immiscible with water.

Partition coefficient No information available.

Auto-ignition temperature 200°C

Decomposition No information available.

temperature

Viscosity 8000-13000 mPa.s

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Explosive properties No information available.

Oxidizing properties Not available. Solvent content 25.49 %

Particle Not applicable.

characteristics

9.2. Other information

Information with regard to physical hazard classes

Explosives Not applicable.

Oxidizing properties Not applicable.

Self-heating Not applicable.

substances and

mixtures

Corrosion to metals Not applicable.

Other safety characteristics

SAPT-temperature Not applicable.
Surface tension Not applicable.
Refraction index: Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No hazardous reaction when handled and stored according to

provisions.

10.2. Chemical Stability

Stability Stable at normal ambient temperatures and when used as

recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous

No potentially hazardous reactions known.

reactions

10.4. Conditions to avoid

Conditions to avoid Avoid heat. Containers can burst violently or explode when

heated, due to excessive pressure build-up.

10.5. Incompatible materials

Materials to avoid Strong acid. Strong alkali. Highly oxidizing substances.

10.6. Hazardous decomposition products

Hazardous decomposition No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Substance Name	Exposure Route	Dose	Species
Hydrocarbons, C10-C13, n-alkanes,	Oral	LD50 > 5000 mg/kg (OECD 401)	Rat
isoalkanes, cyclics, < 2% aromatics	Dermal	LD50 > 2000 mg/kg (OECD 402)	Rabbit



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	Inhalation (4h) Vapor	LC50 > 9,3 mg/L (OECD 403)	Rat
	Oral	LD50 > 5000 mg/kg (OECD 401)	Rat
white mineral oil (petroleum)	Dermal	LD50 > 2000 mg/kg (OECD 402)	Rabbit
	Inhalation (4h) Vapor	LC50 > 5,09 mg/L (OECD 403)	Rat
mixture of 5-chloro-2-	Oral	LD50 66 mg/kg	Rat
methyl-2H-isothiazol-3- one (EG No. 247-500-7)	Dermal	LD50 >141 mg/kg	
and 2-methyl-2H-isothiazol-3-one (EG No.	Inhalation (4h) Vapor	ATE 0,5 mg/L	
220-239-6) (3:1).	Inhalation aerosol	ATE 0,05 mg/L	

Skin	corrosi	on/irı	ritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation
Serious eye damage/

irritation

Respiratory sensitization

Respiratory sensitization

Skin sensitization

Skili SeliSitization

Skin sensitization

Germ cell mutagenicity

Genotoxicity - in vitro

<u>Carciogenicity</u>

IARC carcinogenicity

Carciogenicity

Reproductive toxicity

Reproductive toxicity -

fertility Reproductive toxicity -

development

Based on available data the classification criteria are not met.

None of the ingredients are listed or exempt.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT – single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Aspiration hazard

Based on available data the classification criteria are not met.

Aspiration hazard Based on available data the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting The product does not contain a substance that is considered to have

properties endocrine disrupting properties.

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SECTION 12: Ecological information

Ecotoxicity

Based on available data the classification criteria are not met.

12.1. Toxicity

Toxicity

Substance Name	Exposure Route	Dose
	Acute fish toxicity	LC50 > 1000 mg/l (OECD 203)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Acute algae toxicity	ErC50 > 1000 mg/l (OECD 201)
cyclics, < 2 % alomatics	Acute invertebrates toxicity	EC50 > 1000 mg/l (OECD 202)
	Acute fish toxicity	LL50 > 1000 mg/l (OECD 203)
white mineral oil	Acute algae toxicity	ErC50 > 100 mg/l (OECD 201)
(petroleum)	Acute crustacea toxicity	EL50 > 100 mg/I (OECD 202)
	Algea toxicty	NOEC50 >= 100 mg/l (OECD 201)
	Acute fish toxicity	LC50 0,22 mg/kg (OECD 201)
	Acute algae toxicity	ErC50 >0,048mg/kg (OECD 201)
mixture of 5-chloro-2-	Acute crustacea toxicity	EC50 > 0,1 mg/l (OECD 202)
methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one	Fish toxicty	NOEC50 >= 0,098mg/I (OECD 201)
(EG No. 220-239-6) (3:1).	Algea toxicty	NOEC50 >= 0,0012 mg/l (OECD 201)
	Crustacea toxicity	NOEC50 >= 0,004 mg/l (OECD 211)
	Acute bacteria toxicity	7,92 mg/l (OECD 209)

12.2. Persistance and degradability

Persistance and The substances in the mixture do not meet the PBT/vPvB criteria

according to REACH, annex XIII.

degradability

12.3. Bioaccumulative potential

Bioaccumulative potential The product has not been tested.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility The product has not been tested.

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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current

assessment EU criteria.

12.6. Endocrine disrupting properties

Endocrine disrupting The product does not contain a substance that is considered to

properties have endocrine disrupting properties.

12.7. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal consideration

13.1. Waste treatment methods

General information

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers on liners may retain some product residues and hence be potentially hazardous.

Disposal methods

Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN Number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

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14.5. Environmental hazards

Environmentally hazardous No.

substance/marine product

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Water contaminating class (D):1 - slightly hazardous to water

EU regulatory information

2010/75/EU (VOC): 13,5% (133,65 g/L) 2004/42/EC (VOC): 13,5% (133.652 g/L)

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms used in this safety data sheet

ADR: European Agreement concerning the International Carriage of

Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of

Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of

Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous

Goods by Air.

IMDG: International Maritime Code for Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC₅₀: Lethal Concentration to 50% of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal

Dose)

 EC_{50} : 50% of maximal Effective Concentration.

IC₅₀: Half maximal Inhibitory Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Verp Persistent and Very Bioaccumulative.

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Chemical abbreviations

and acronyms

Training advice

Asp. Tox. = Aspiration hazard

General information Only trained personnel should use this material.

Key literature references

and sources for data

Source: European Chemical Agency, http://echa.europa.eu/

Read and follow manufacturer's recommendations. Only trained

personnel should use this material.

Revision comments Revised according to the REACH Regulation (EC) 1907/2006

amended by Regulation (EU) 2020/878

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Hazard statements in full H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects

EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-

239-6) (3:1).. May produce an allergic reaction. EUH210 Safety data sheet available on request.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.