



İstanbul :

10.03.2017

Sayı : 938

Konu : 990 Kg Sodyum Azotür'ün Taşıttırılması İşine Ait  
Subject : Teklif İsteme Mektubu Hk.

Sirküler: 193 /2017

Sayın Üyemiz,

Makine ve Kimya Endüstrisi Kurumu İkmal Dairesi Başkanlığı'nın  
08.03.2017 tarih ve E.40643 sayılı yazısı ile;

- Kurumlarının ihtiyacı olan "990 Kg Sodyum Azotür"ün sevke hazır olduğu, FOB Chennai/Hindistan deniz limanından, Evyap Limanına yazıları Ek'inde gönderilen "İhale Dokümanı"na uygun olarak taşıttırılacağı,

- İstenilen bilgilerin eksiksiz doldurularak konu taşımaya ait tekliflerin, **VERİLMESİ ZORUNLU OLAN BELGELERLE BİRLİKTE** kapalı zarf içerisinde 14.03.2017 Salı günü saat 15:00'a kadar Başkanlıklarına gönderilmesi, istenmektedir.

İlgi yazı ve Ek'leri Odamız web sayfasında "[www.denizticaretodasi.org.tr](http://www.denizticaretodasi.org.tr)" adresinde ana sayfada "Genel" ve "Ticari" Duyurular bölümünde yayınlanmaktadır.

Bilgi ve gereğini arz ve rica ederiz.

Saygılarımızla,

Murat TUNCER  
Genel Sekreter

Ek: İlgi yazı ve Ek'leri (12 sayfa – Web'te)

**GEREĞİ:**

- Tüm Üyeler (web)
- Türk Armatörler Birliği
- S.S. Gemi Arm. Mot. Taş. Koop.
- TAİS
- Vapur Donatanları ve Acenteleri Derneği
- İlgili Gemi Sahipleri

**BİLGİ:**

- Makina ve Kimya Endüstrisi Kurumu  
İkmal Dairesi Başkanlığı

Meclis-i Mebusan Caddesi No: 22  
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MAKİNA ve KİMYA ENDÜSTRİSİ KURUMU  
İkmal Dairesi Başkanlığı



Sayı :89960175-949[6810.SVG.0851]-  
E.40643

08.03.2017

Konu :990 kg Sodyum Azotür?ün  
Taşıttırılması İşine Ait Teklif İsteme  
Mektubu

ALIM-İHALEYE İŞTİRAK EDEBİLECEK TÜM İSTEKLİLERE

Sayın Yetkili,

Kurumumuz ihtiyacı, 990 kg Sodyum Azotür sevke hazır olup FOB Chennai/Hindistan deniz limanından, Evyap Limanına ekte verilen "İhale Dokümanı"na uygun olarak taşıttırılacaktır.

Ekli tabloda istenilen bilgilerin eksiksiz doldurularak konu taşımaya ait tekliflerinizin, **VERİLMESİ ZORUNLU OLAN BELGELERLE BİRLİKTE** kapalı zarf içinde **14.03.2017 Salı günü saat: 15.00'a kadar** Başkanlığımıza gönderilmesini rica ederiz.

 e-imzalıdır

Zeynep TAŞTEMEL  
Dış Alım Şubesi Müdürü

 e-imzalıdır

Köksal KÜÇÜKTURAN  
İkmal Dairesi Başkanı

Ek :

1 - Güvenlik Bilgi Formu (7 Sayfa)

2 - İhale Dökümanı ve Eki Taahütname (4 Sayfa)

**Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.**



İHALE DOKÜMANI

TAŐIMAYA KONU MALZEMENİN			
CİNSİ VE TUTARI	990 kg Sodyum Azotür Toplam Bedel:13.117,50 USD		
AMBALAJ DETAYLARI	Net Ağırlık: 990 kg Brüt Ağırlık: 1.150 kg Ambalaj Kabının Ağırlığı:160 kg Ambalaj Şekli ve Miktarı: 3 palet üzerinde 22 fiç /polydrums		
IMCO NO.	Sınıf/Bölüm: 6.1 UN Number : 1687 Detayları Güvenlik Bilgi Formunda yer almaktadır.	TESLİM ŞEKLİ:	FOB
YÜKLEME LİMANI	Chennai/ Hindistan Limanı	BOŐALTMA LİMANI	Evyap Limanı
<u>TAŐIMAYI YAPACAK GEMİNİN</u>			
IMO SERTİFİKASI NO.SU		P&I SİGORTASI	
BAYRAĐI		GEMİ ADI VE YAŐI	
YÜKLEME LİMANI ETA'SI		TAHLİYE LİMANI ETA'SI	
NAVLUN		BOŐALTMA LİMANI MASRAFI	
ORDİNO		DEMURAJ	
DIĐER		BOŐALTMA SÜRESİ	
YÜKLEME SÜRESİ		TOPLAM TAŐIMA BEDELİ *	
SAVAŐ SİGORTA SÜRPRİMİ			

\*Tekliflerde yükleme, boşaltma vb. masraflar dahil Toplam Taőıma Bedeli mutlaka belirtilecektir.



**GENEL HUSUSLAR:**

1. Yükleme günü için ihracatçı ile mutabakat firmanızca sağlanacaktır. Yüklemede herhangi bir demuraj ya da ölü navlun söz konusu olmayacaktır. Yükleme Limanında sonradan oluşabilecek herhangi bir ardiye, ihracat detention vb. masraf Kurumumuz tarafından ödenmeyecektir.
2. Navlun varış tarihindeki T.C. Merkez Bankası döviz satış kuru üzerinden TL. olarak ödenecektir.
3. Malzemeyi taşıyacak geminin **Class'lı (Türk Loydu veya IACS üyesi/yarı üyesi)** olması zorunludur.
4. TÜRK BAYRAKLI gemi olması tercih sebebi olacaktır.
5. **Gemi 35 yaşından küçük olacaktır.** (Maksimum 34 yaşında olabilecektir.)
6. **Süresi içerisinde gönderilmeyen teklifler dikkate alınmayacaktır.**
7. Teklifinizde belirtilen ücretin dışında **herhangi bir ödeme yapılmayacaktır.**
8. Teklifinizde gemi adı, bayrağı, yükleme tarihi ve yaşı belirtilecektir.
9. Malzeme varış limanından MKE Kapsül Fabrikası Müdürlüğü / Ankara'ya Kurumumuzca nakledilecektir.
10. Boşaltma Limanında MKE Kurumunun sorumluluğu; ilgili Acentenin liman işletmesine Özet Beyanı vermesini müteakip başlar.
11. Söz konusu ihale Ceza ve Yasaklara ilişkin hükümler hariç, 4734 sayılı Kamu İhale Kanununa ve 4735 sayılı Kamu İhale Sözleşmeleri Kanununa tabi olmayıp, Kurumumuzca çıkarılan Satın Alma ve İhale Yönetmeliği hükümlerine göre yapılacaktır. İdare ihaleyi yapıp yapmamakta veya dilediğine vermekte serbesttir.

**DİĐER HUSUSLAR**

**1) TEKLİFLERİN SUNULMASI**

- a) Fiyat içeren teklif ile verilmesi zorunlu belgelerin tamamı bir zarfın içine konulacaktır.
- b) Zarfın üzerine
  - İsteklinin adı, soyadı veya ticaret unvanı ile tebligata esas açık adresi,
  - Teklifin hangi işe ait olduğu,
  - İdarenin açık adresi,

yazılacaktır.

Yukarıda istenilen bilgiler yazılmamış olan teklif zarfları değerlendirmeye alınmayacaktır.



**2) İSTENİLEN BELGELER:**

**a) Zorunlu Belge/Belgeler:**

AŐađıda belirtilen belgelerin teklifle birlikte sunulması zorunludur.

- Class Sertifikası veya yüklemeden önce verileceđine iliŐkin taahhütname
- P&I Belgesi veya yüklemeden önce verileceđine iliŐkin taahhütname
- Teyit Taahhütnamesi (ekte sunulan)

**b) Diđer Belgeler:**

AŐađıda belirtilen belgelerin teklifle birlikte sunulması halinde, firmanın teklifi tercih sebebi sayılabilecektir.

- NCAGE BELGESİ
- Nato Güvenlik/ Nato Tesis Güvenlik Belgesi

**3) TEKLİFLERİN AÇILMASI**

Teklifler son teklif verme tarihi olan **14.03.2017 Salı günü saat: 15.00'da** açılacaktır.

**4) TEKLİFLERİN DEĐERLENDİRİLMESİ**

- a) Kapalı zarf içinde verilmeyen e-posta veya faks yoluyla sunulan teklif kabul edilmeyecektir.
- b) Verilmesi zorunlu olan belgeler sonradan tamamlattırılmayacaktır.
- c) Verilmesi zorunlu olan belgeleri eksik olan teklifler deđerlendirmeye alınmayacaktır.

**İRTİBAT BİLGİLERİ**

**İhracatçı Firma**

FCI - FINE CHEMICALS INC.  
100 Allstate Parkway, Suite 501, Markham, Ontario,  
Canada L3R 6H3  
Telephone Number : (905) 513 37 44  
Fax Number: (905) 513-7681  
E-Mail Address : [sales@FineChemicalsinc.com](mailto:sales@FineChemicalsinc.com)

**Müessil Firma**

ALTUNA LİMİTED  
Tandođan Mah. Zeki Uđur Cad. No:11/F  
Sincan/Ankara 06830  
Tel: 312 495 06 55  
Fax: 312 495 06 03  
E-Posta: [kamacı@turksatkablo.net](mailto:kamacı@turksatkablo.net)

Ek: Teyit Taahhütnamesi (1 sayfa)



**TAAHHÜTNAME**

6810.SVG.0851 no.lu dosya konusu 990 kg Sodyum Azotür'ün FOB Chennai/ Hindistan deniz limanından – Evyap Limanı arası nakliye ihalesine verdiğimiz teklifi; bu işe ait İhale Dokümanı'nın tamamını okuyup, inceleyip tüm şartlarını kabul ettikten sonra verdiğimiz teyit ve Class Sertifikasının ve P&I Belgesinin yüklemenden önce verileceğini, taahhüt ederiz.

---/---/-----  
Ad, SOYAD/ Unvan (Kaşe)  
İmza



# Fine Chemicals Inc.

100 Allstate Parkway, Suite 501, Markham, Ontario, Canada L3R 6H3  
Tel: (905) 513-3744 e-mail: [QUALITY@FINECHEMICALSINC.COM](mailto:QUALITY@FINECHEMICALSINC.COM)  
Fax: (905) 513-7681 [WWW.FINECHEMICALSINC.COM](http://WWW.FINECHEMICALSINC.COM)

## SAFETY DATA SHEET

**FOR EMERGENCIES INVOLVING CHEMICAL SPILL OR RELEASE OR TRANSPORTATION INCIDENT, PLEASE CONTACT CANUTEC AT 1-888-226-8382**

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Sodium Azide  
**RTECS:** VY 8050000  
**EINECS no.:** 247-852-1  
**CAS number:** 26628-22-8  
**SDS Number:** FCI-SDS-147  
**DATE of issue:** Jan 2017  
**Supplier:** Fine Chemicals Inc.  
100 Allstate Parkway, Suite 501, Markham, Ontario, Canada, L3R 6H3  
Phone No: (905) 513 3744 Fax No: (905) 513 7681  
**Emergency Phone No:** 1-888-226-8832 (CANUTEC)  
**Product Use:** Fumigant, pharmaceutical intermediate  
**Chemical family:** Inorganic Azides

### SECTION 2 - HAZARDS IDENTIFICATION



**GHS06**



**GHS09**

**Signal word:** Danger

**GHS Classification:**

Acute toxicity, oral (Category 2)  
Acute toxicity, dermal (Category 1)



Acute hazards to the aquatic environment (Category 2)

**Hazard statements:**

H300: Fatal if swallowed

H310: Fatal in contact with skin

H401: Toxic to aquatic life

**Precautionary statements:**

P262: Do not get in eyes, on skin, or on clothing

P264: Wash with water after handling

P270: Do not eat, drink or smoke when using this product

P273: Avoid release to the environment

P280: Wear protective gloves/protective clothing

P301+P310: IF SWALLOWED: Immediately call a poison center/doctor

P302+P352: IF ON SKIN: Wash with plenty of water

P310: Immediately call a poison center/doctor

P321: Specific treatment (see label)

P330: Rinse mouth

P361+P364: Take off immediately all contaminated clothing and wash it before reuse

P405: Store locked up

P501: Dispose of contents/container to authorized disposal site

**EMERGENCY OVERVIEW:** Caution – toxic material. Harmful if swallowed. Avoid contact with clothing, skin and eyes. Keep in tightly closed container. Wash thoroughly with water after handling. Sodium azide will self-extinguish if not confined or fought with water. Burning sodium azide produces nitrogen, sodium oxide and metallic sodium which is water reactive. Do not fight fires with water. Water will react with decomposed sodium azide. Wear SCBA. Corrosive fumes are released from a sodium azide fire. Keep upwind when attempting to rescue or to fight a fire.

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	% (w/w)	ACGIH TWA	CAS NO.
Sodium Azide	99-100%	STEL C 0.29 mg/m <sup>3</sup> as Sodium Azide; STEL C 0.11 ppm as Hydrazoic acid vapor	26628-22-8

### SECTION 4 - FIRST AID MEASURES

**General:** If you feel unwell, seek medical advice immediately (show product label or SDS where possible).

**Inhalation:** Remove victim to fresh air. Apply artificial respiration ONLY if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing AND no pulse. Oxygen



administration may be of value but should only be administered by personnel trained in its use. Obtain medical attention.

**Eye Contact:** Flush eyes with large amounts of clean running water for a minimum of 20 minutes. Remove contact lenses if they are being worn. Hold eyelids open for flushing. If irritation persists, repeat flushing and obtain medical attention.

**Skin contact:** Remove contaminated clothing and flush affected areas with soap and clean running water. If irritation or redness develops and persists, repeat flushing and obtain medical attention.

**Ingestion:** If victim is alert and not convulsing, rinse mouth out. DO NOT induce vomiting. If vomiting occurs spontaneously, have victim lean forward with head positioned to avoid breathing in of vomitus. Never give anything by mouth to an unconscious person. Obtain medical attention IMMEDIATELY!

**Special note to treating physician:**

Medical conditions aggravated by exposure are low blood pressure, respiratory conditions. Interaction may occur with blood pressure-reducing medicines.

## SECTION 5 FIRE-FIGHTING MEASURES

**Flash point:** No information available.

**Flammable limits:** No information available.

**Autoignition temperature:** 275 °C

**Decomposition temperature:** No information available.

**Sensitivity to Mechanical impact:** No information available.

**Extinguishing media:** use sand or dry chemical extinguishers, carbon dioxide, or alcohol-resistant foam. can be used.

**Special hazards arising from the chemical:** No information available.

**Special protective actions for fire-fighters:** Sodium azide will self-extinguish if not confined or fought with water. Burning sodium azide produces nitrogen, sodium oxide and metallic sodium which are water reactive. Do not fight fires with water. Water will react with decomposed sodium azide. Wear SCBA. Corrosive fumes are released from a sodium azide fire. Keep upwind when attempting to rescue or to fight a fire.

**Fire and explosion hazards:** Burning sodium azide produces metallic sodium and nitrogen. Water will react with the metallic sodium to produce sodium hydroxide and hydrogen. Hydrogen is highly volatile if concentrations are high.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment:** Wearing an SCBA or airline respirator, vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Remove all sources of ignition. Provide ventilation.

**Environmental procedures:** Do not flush down the drain. Over a period of time, sodium azide may react with copper, lead, brass, or solder in plumbing systems to form an accumulation of the highly explosive compounds of lead azide and copper azide.

**Methods and materials for containment and clean-up:** Clean up spills immediately, observing precautions in the protective equipment section.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with skin and eyes. Do not breathe dust or vapors. Do not expose sodium azide to acids or heavy metals. Control static electricity and other ignition sources. Dust clouds may be ignition sensitive. Store in dry areas away from sources of extreme heat. Contact with water may form Hydrazoic acid.

**Conditions for safe storage:** Store in a cool, dry, well-ventilated area. Keep separate from strong oxidizers, acids. Keep containers of material closed and sealed. Restrict access to the area. Do not permit eating, drinking, or smoking in the area.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

### PREVENTIVE MEASURES:

Recommendations listed in this section are indicative of the types of equipment which will provide adequate protection against exposure to this product. Conditions of use, adequacy of engineering controls or other measures, as well as actual exposures to this product will dictate the need for additional protective measures at your workplace. Please consult your health and safety representative or supervisor for specific instructions.

**Engineering controls:** General exhaust ventilation is recommended as a minimum.

### PERSONAL PROTECTIVE EQUIPMENT:

**Eye protection:** Use chemical safety goggles when there is a potential for eye contact.

**Skin protection:** Gloves and protective clothing made from cotton should provide adequate protection under most conditions. Launder gloves after use or use rubber chemically resistant gloves if repeated wear is required.

**Respiratory protection:** Use a NIOSH/MSHA approved dust respirator if concentration of dust in air are unknown or in excess of established exposure guidelines.

**EXPOSURE GUIDELINES:** STEL C 0.29 mg/m<sup>3</sup> as Sodium Azide; STEL C 0.11 ppm as Hydrazoic acid vapor.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Alternate names:** Azoture de sodium, Natriumazid, Azium, Natriumazide. Kazoe

**Chemical name:** Sodium Azide

**Chemical family:** Nitrogen compounds

**Molecular formula:** NaN<sub>3</sub>

**Appearance:** White powder

**Odor:** Odorless

**pH:** 9-10 (5% aqueous solution)

**Vapor pressure:** Not applicable

**Vapor density:** 2.2

**Boiling point:** Not applicable (decomposes at 275 °C)

**Melting point:** Not applicable (decomposes at 275 °C)

**Freezing point:** Not applicable (solid material)

**Solubility (water):** 42% in room temperature water.

**Solubility other:** Liquid ammonia.

**Specific gravity:** 1.85 g/ml

**Evaporation rate:** Not applicable

**% Volatiles by volume:** None

**Molecular weight:** 65.01 g/mol

## SECTION 10 -STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions, however, it may decompose when heated. May be shock sensitive.

**Possibility of hazardous reaction:** Violent reaction with benzoyl chloride mixed up potassium hydroxide, bromine, barium carbonate, CS<sub>2</sub>, Cr(OCl)<sub>2</sub>, Cu, Pb, HNO<sub>3</sub>, BaCO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, hot water, (CH<sub>3</sub>)<sub>2</sub>SO<sub>4</sub>, dibromomalononitrile, sulfuric acid.

**Conditions to avoid:** mechanical shock, light, contact with water, Fire, temperature above 275°C.

**Incompatibilities:** Acids, acidic water, heavy metals (lead, copper, silver, cadmium etc.), oxidizing agents, ammonium chloride and trichloroacetonitrile, phosgene, cyanuric chloride, 2,5-dinitro-3-methylbenzoic acid and oleum, trifluoroacryloyl chloride. Reacts with heavy metals to form dangerously explosive heavy metal azides.

**Hazardous decomposition products:** When heated to decomposition, it emits toxic fumes containing nitrogen oxides and Na<sub>2</sub>O.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Summary:** This material is toxic. Exposure may cause lowering of blood pressure and associated symptoms (headache, increased respiration, nausea etc.)

### Acute toxicity:

mno-sat 10 µg/plate

dni-hmn:fbr 50 mg/L

orl-rat LD50: 27 mg/kg

orl-mus LD50: 27 mg/kg

ivn-mus LD50: 19 mg/kg

skn-rbt LD50: 20 mg/kg

ipr-rat LDLo: 30 mg/kg

**Skin corrosion/irritation:** May cause local irritation or stinging effect. Poison on skin contact.

**Serious eye damage/irritation:** Eyes will appear to be bloodshot because of dilated blood vessels. This may be the first symptom of sodium azide exposure. Actual contact may cause irritation or stinging.

**Respiratory irritation:** Airborne concentrations of sodium azide can cause headaches, shortness of breath, increased respiration and heartbeat, nausea and dizziness

**Ingestion:** Nausea, headache, dizziness, shortness of breath, increased respiration and pulse. Poison by ingestion.

**Germ cell mutagenicity:** Human mutation data reported.

**Carcinogenicity:** This material is not currently classified as a carcinogen by ACGIH (American Conference of Governmental Industrial Hygienists), IARC (International Agency for Research on Cancer), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration) and not listed as a carcinogen by NTP (National Toxicology Program).

**Reproductive effects:** No information available.

**Specific target organ toxicity-single exposure:** No information available.

**Specific target organ toxicity-repeated exposure:** No information available.

**Aspiration effects:** No information available.

**Teratogenicity and Fetotoxicity:** No information available.

**Synergistic materials:** Medications or alcohol may increase the effects of exposure.

## SECTION 12 - ECOLOGICAL INFORMATION

**Toxicity:** This material is toxic to the environment.

96h - LC50 Rainbow Trout: 0.8-1.6 mg/L

96h - LC50 Bluegill: 0.8 mg/L

96h - EC50 Daphnia Pulex: 4.2 mg/L

96h - LC50 G Fasciatus: 5.0 mg/L

96h - LC50 Pteronarcys: 8.0 mg/L

96h - EC50 Simocephalus: 8.4 mg/L

**Persistence and degradability:** Persistent in the environment.

**Bioaccumulative potential:** Not bioaccumulative.

**Mobility in soil:** No information available.

**Other adverse effects:** This material is toxic and should not be released to the environment, harmful to aquatic life in very low concentrations.

## SECTION 13 - DISPOSAL INFORMATION

Dispose of waste material in an approved waste treatment facility in accordance with Federal, State, Provincial, and local legislative requirements. Do not dispose of waste with normal garbage or to water/sewer systems.

## SECTION 14 - TRANSPORTATION INFORMATION

**Proper shipping name:** Sodium Azide

**Class/Division:** 6.1

**Product Identification Number (PIN):** UN 1687

**Packing group:** II

**Transportation Emergency Response Telephone:** 1-888-226-8832 (CANUTEC) – 1-613-996-6666

**Marine Pollutant:** No

**SECTION 15 - REGULATORY INFORMATION**

**US Federal and State Regulations:** EPA TSCA inventory: Sodium Azide.  
EPA Genetic Toxicology Program.  
EPA Extremely Hazardous Substances List.

**Canadian Regulations:** on the DSL list.

**SECTION 16 - OTHER INFORMATION****REFERENCES:**

Lewis, Richard J, Sr., Sax's Dangerous Properties of Industrial Materials, 11<sup>th</sup> edition, Van Nostrand Reinhold Co., New York 2004.

The Merck Index, 12<sup>th</sup> edition Merck & Co. Inc. Rathway New Jersey

2015 TLVs and BEIs. Cincinnati, OH: American Conference of Governmental Industrial Hygienists, 2015.

U.S. Department of Interior, Fish and Wildlife Services. Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates. Resource Publication No. 137. Washington, D.C.: U.S. Government Printing Office, 1980, pg. 12.

Domestic Substance List, Environment Canada.

Revision: Jan 13<sup>th</sup>, 2017

The information contained in this SDS is offered as a guide to the handling of this specific material. The SDS has been prepared in good faith by technically qualified individuals. It is not intended that the information contained herein will be appropriate for all conditions of use of the product. No warranty of any kind is given or implied and Fine Chemical Inc. will not be held liable for any damage, loss or injury or consequential damage with which may result from the use or reliance on any of the information contained in this SDS.

It is the responsibility of the user of this product to ensure that the product is handled in a safe manner and in accordance with all applicable legislative requirements.