



Guar Gum Australia
Australian Business No.: 98494968
69 Burraneer Bay Road, Cronulla, NSW 2230,
Australia. Web: www.guargum.com.au
Ph: +61-02-82124095

Sr.	product	Form of gum	function	Product ref.
1 Food				
A	Ice Cream	Blended Guar Gum	Thickening, gelling & Emll, stabilizing agent	RG-IC201CM
B	Liquid egg	Blended Guar Gum	Improves consistency	RG-LE201GX
C	Acidified dairy products	Blended Guar Gum	Improved thickness & aroma texture	RG-135, RG-150
D	Fat containing whips cream	Blended Guar Gum	To create pudding and cream dressing of cakes	RG-LF201CGM
E	Instant corn grits	Guar Gum	Binder	RG-250
F	Water ices	Guar Gum	stabilizer	RG-250
G	Bakery fillings	Guar Gum	Freeze thaw & heat stabilizer	RG-235, 250
H	Tomato sauces, mayonnaise	Blended Guar Gum	Thickening agent	RG-KS82
I	Protein low bread	Blended Guar Gum	Binder	RG-BR135, BR150
J	Icing stabilizers	Guar Gum	Stabilizer	RG-250
K	Cheese	Blended Guar Gum	Stabilizer	RG-CS55GMX
L	Salad dressing	Blended Guar Gum	Stabilizer, thickener	RG-SD245
M	Noodles (like Maggi)	Guar Gum	Binder, thickener, stabilizer	RG-250, 260
2 Pharmaceuticals				
A	Vitamin B12 prep. Prep. for treatment of gastrointestinal ulcers and diarrhea	Treated Guar Gum	Stability, Synergistic activity +bismuth salt	RG-PH235
B	Sustained or time release drugs	Treated Guar Gum	Binder	RG-PH245
C	Microencapsulation of drugs	Treated Guar Gum	High resorptivity	RG-PH235PS
D	Gastrointestinal disorders	Treated Guar Gum	Laxative Property	RG-PH460LX
E	Comp. tablets prep.	Guar Gum	Dry binder	RG-PH250
F	Dietetic compositions	Guar Gum	Malnutrition treatment	RG-PH235
G	Lozenges	Guar Gum		RG-PH235
H	Anti inflammatory drugs	Guar Gum	Suspending agent	RG-PH235
I	Tablet additive & Formation	Blended Guar Gum	Disintigrent & binder	RG-PH235PS
3 Medicinal				
A	Dietary fibre	PHP Guar Gum	Protective effect	RG-DF100
B	Mixed in diet	Guar Gum	Reduces Urine sugar , cholesterol	RG-MD46

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C	Mixed diet	Guar Gum	Antidiabetic agent , effects bacterial counts in faeces	RG-460LX
D	Dietary fibre	PHP Guar Gum	Hypocholesterolmic agent	RG-DF100
4 Cosmetics				
A	Shampoo prep.	Cationic Guar Gum	Thickener agent	RG- CO 235
B	Tooth paste perp.	Guar Gum	Stabilizer & thickener	RG-TP250
C	Hair setting	Guar Gum	Thickener agent	RG-C0235
5 Petroleum well drilling				
A	Oil bore	Cross-Linked Guar Gum	Stable super elastic	TG-CD250
B	Oil, gas water bores	Guar Gum	For plugging leaks, stabilization of cross -linkage	TG-GX2100
C	Rotary drilling	Guar Gum	Indicator of fluid life	TG-270BL
D	Fracturing solution	Guar Gum	Reduce friction & increase permeability	TG-240HPG
E	Oil bore	Guar Gum	Red. Of fluid loss	TG-270BL
F	Drilling	Guar Gum	Thickener	TG-270
G	Petroleum wells	Guar Gum	Water barrier gelling agent	TG-GA260
H	Fracturing fluids	Guar Gum	Provides viscosity stability	TG-25BAMO
I	Well stimulator	Guar Gum	Gelling agent	TG-35CMHP
J	Drilling mud	Guar Gum	Thickening agent	TG-HPG
K	Fracturing well	Guar Gum	Gelling agent	TG-270KM
L	Drilling fluid	Guar Gum	Good fluid loss prop.	TG-HPG
M	Petroleum well fracturing	Guar Gum	Thickening agent	TG-275
N	Petroleum well blow out	Guar Gum	Thickening agent	TG-HPG
6 Paper				
A	Additive sizing	Guar Gum	Improves wet strength, increase dry strength	RG-230PG,-230PGSD
B	Paper/paper board	MODIFIED Guar Gum	Retention aid, imparts dry strength	RG-230AN
C	Paper making	Cationic Guar Gum	Improves dry strength	RG-235PGCO
D	Paper making	Guar Gum	Flocculent & sizing agent	RG-230SS
7 Explosives				
A	Explosives gel	Guar Gum	Improved resistance to water & aging	RG-260EX
B	Blasting agent	Guar Gum	Increases viscosity	RG-260EX
C	Blasting slurry	Guar Gum	Thickening agent	RG-260EX
D	Explosives mixture	Derivative Guar Gum	Thickening agent	RG-EX240CN
G	Gel explosives	Guar Gum	Gelling agent	RG-260EX
H	Extrudable primer	Guar Gum	Increases viscosity	RG-260EX
I	Gel explosives	ANFO Guar Gum	Gelling agent	RG-255EXPO
J	Slurry explosives	Guar Gum	Thickening agent	RG-260EX
K	Nitroalkane explosives	DERIVATIVE Guar Gum	Thickening agent	RG-260EXN
8 Building				
A	Plaster	Guar Gum	Thickening agent	TG-250

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B	Concrete	Guar Gum	Water proofing	TG-260
C	Foamed cement material	Guar Gum	Foam stabilizer	TG-250
9 Fire fighting				
A	Air drop , forest- fire control	Treated Guar Gum	Provides viscosity stability	FF-240FR
B	Forest fire fighting	Treated Guar Gum	Dispersions	FF-250MEG
10 Photography				
A	Processing solution	Treated Guar Gum	Binder & thickener	RG-PHGG
11 Coal mining				
		Treated Guar Gum	For shock impregnation of coal seams	TG-250CD
12 Ore mining				
A	Iron scrap	Modified Guar Gum	In settling fine particles colloidal flocculant	TG-104FF
B	Copper electro refining	Guar Gum		TG-104FF
13 Textiles				
A	Textile print	Treated Guar Gum	Stabilizer	RG-206AA
B	Fire and shrink proof textiles	Guar Gum	-----	-----
C	Polyester printing	Treated Guar Gum	Thickener	RG-206DV
D	Printing fluid	Treated Guar Gum	Printing paste thickener	RG-DPL RANGE
E	Textile printing	Treated Guar Gum	THICKENER	RG-DPL RANGE
14 Agriculture				
A	Insecticidal comp.	Guar Gum		RG-250
B	Coating for fertilizer	Guar Gum	Prevention of granules	RG-AGMS
C	Poultry	Guar Gum	For decreasing cholesterol levels in chicks	RG-46
D	Poultry	Guar Gum	Decreased nitrogen retention , fat absorption and metabolizable energy	RG-46
15 Shoe industry				
		Guar Gum	Improves the properties of the substrate through better fibrillation & reaggregation of the collagen fiber	TG-235
16 Ceramics				
A	Ceramics articles	Guar Gum	Plaster for moulded articles	TG-250
17 Electricals				
A	Cable cores	Guar Gum	Electrical insulator	-----
18 Tobacco				
A	Tobacco products	Guar Gum	Adhesive	RG-250TO
B	Tobacco sheet	Guar Gum	Reduces irritation properties, Strengthening agent	RG-235TO
19 Analytical				
A	Selective resins	Treated Guar Gum	Analytical resin for separation of boron	RG-250CD
B	Beads	Treated Guar Gum	Purification of lectins	RG-250
C	Gel filtration	Treated Guar Gum	Chromatographic separation	RG-250CD
20 Paints & Distempers				

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A	Oil Base Paints	Modified Guar Gum	Rheology controller, thickener	TG-240HPG
B	Water Base Paints	Modified Guar Gum	Rheology controller, thickener	TG-220CMG
C	Distempers	Guar Gum	Binder, thickener	TG-250
	21 Miscellaneous			
A	Production of sodium carbonate	Guar Gum	Clarifier	TG-220CMG
B	Aluminium reflectors	Guar Gum	In increasing reflecting power	TG-335
C	Turbulent flow between pipe walls	Guar Gum	Reduction of resistance	TG-335
D	Galactose binding lectins	Guar Gum	Immunosorbent	-----
E	Civil disorder control	Guar Gum	Lubricant for concrete surface	TG-335
F	Mosquito coil	Guar Gum	Saw dust binder	TG-235AGM
G	Flocculation or Water Treatment	Modified Guar Gum	Flocculating Agent	TG-WT230